SECTION 12 36 26

GLASS COUNTERTOPS

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\*\* NOTE TO SPECIFIER \*\* GlassArt Design; glass, architectural glass, glass company, one-of-a-kind art, colorful glass border treatments, remarkable patterned glass, shower enclosures, elegant glass countertops, tabletops, backsplashes, leaded and stained glass, recycled glass, standard and antique mirrors, and glass railing.  
This section is based on the products of GlassArt Design, which is located at:  
427 N. 10th Ave.  
Minneapolis, MN 55401  
Tel: 612-870 0247  
Fax: 612-870 0186  
Email: [request info (sales@glassartdesign.com)](https://arcat.com/rfi?action=email&company=GlassArt%252BDesign&message=RE%253A%2520Spec%2520Question%2520(12362gad)%253A%2520&coid=50844&spec=12362gad&rep=&fax=612-870%25200186)  
Web: <http://glassartdesign.com>   
 [ [Click Here](https://arcat.com/company/glassart-design-50844) ] for additional information.  
GlassArt Design is a glass company that stands apart. For more than years, GlassArt Design has held a unique position in the world of architectural glass. Our approach is literally hands-on and collaborative. Our attentive team escorts each and every project through our process, checking along the way to ensure the absolute highest standards of quality. We apply a variety of techniques, including painting, staining, etching, carving, and kiln firing. The result is a long list of functional works of art that will endure.  
Our glass artisans and our in-house installation team are equipped for virtually any project typefrom individual pieces to complicated, large-scale applications. Whether working with a homeowner, designer, architect, general contractor, commercial company, or a major developer, we apply the same standards of quality, timeliness, and professionalism.  
A Minnesota glass company whose work ranges from one-of-a-kind art pieces, colorful glass border treatments, remarkable patterned glass, shower enclosures, elegant glass countertops, back painted glass backsplashes, clear / standard glass and mirrors, and glass railings.  
We invite you to visit our showroom in the North Loop in downtown Minneapolis to view the largest selection of art glass in the Midwest. Bring your vision to life with a collaborative approach to glass and art.

1. GENERAL
   1. SECTION INCLUDES
      1. Glass countertops Including:

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + - 1. Elements recycled glass.
      2. Gemma glass countertops.
  1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 12 10 00 - Art.
    2. Section.12 30 00 - Casework
    3. Section 12 35 00 - Specialty Casework.
    4. Section 12 40 00 - Furnishings and Accessories
  1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section ; add others as required.

* + 1. U.S. Consumer Product Safety Commission (CPSC):
       1. CPSC 16 CFR 1201 Safety Standard for Architectural Glazing Materials.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data:
        1. Manufacturer's data sheets on each product to be used and installation instructions.

\*\* NOTE TO SPECIFIER \*\* Delete if not applicable to product type.

* + - 1. Preparation instructions and recommendations.
      2. Storage and handling requirements and recommendations.
      3. Typical installation methods.
    1. Verification Samples: Two representative units of each type, pattern, and color.

\*\* NOTE TO SPECIFIER \*\* Delete glass option not required.

* + - 1. Glass: Two 12 x 12 inch (305 by 305 mm) glass samples.
      2. Glass: Two \_\_\_\_\_ x \_\_\_\_\_ inch (\_\_\_\_\_ x \_\_\_\_\_ mm) glass samples.
    1. Shop Drawings: Include details of materials, construction, and finish. Include relationship with adjacent construction.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
     2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
     3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.

\*\* NOTE TO SPECIFIER \*\* Include mock-up if the project size or quality warrant the expense. The following is one example of how a mock-up on might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Construct a mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress. Locate mock-up as acceptable to Architect and provide temporary foundations and support.
       1. Intent of mock-up is to demonstrate quality of workmanship and visual appearance.
       2. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
       3. Retain mock-up during construction as standard for comparison with completed work.
       4. Do not alter or remove mock-up until work is completed or removal is authorized.
  1. PRE-INSTALLATION CONFERENCE
     1. Convene a conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: GlassArt Design, which is located at:  
         427 N. 10th Ave.  
         Minneapolis, MN 55401  
         Tel: 612-870 0247  
         Fax: 612-870 0186  
         Email: [request info (sales@glassartdesign.com)](https://arcat.com/rfi?action=email&company=GlassArt%252BDesign&message=RE%253A%2520Spec%2520Question%2520(12362gad)%253A%2520&coid=50844&spec=12362gad&rep=&fax=612-870%25200186);Web: <http://glassartdesign.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
  1. PERFORMANCE REQUIREMENTS

\*\* NOTE TO SPECIFIER \*\* Include the following for glass in locations subject to human impact; refer to Building Code for specific requirements.

* + 1. Provide safety glass tested and labeled to CPSC 16 CFR 1201 for locations subject to human impact as required by:
       1. Applicable Building Code.
       2. Authorities having jurisdiction.
  1. GLASS COUNTER TOPS

\*\* NOTE TO SPECIFIER \*\* Elements Recycled Glass by GlassArt Design is a natural product, made from ninety-nine percent recycled glass, kiln fused in a mold, and contains no resins or chemicals, making it the ultimate environmentally friendly surface. Its smooth surface resists bacteria and requires no maintenance making them prefect for kitchen counter tops, shower stalls, kitchen backsplashes and tabletops. Delete basis of design paragraph if not required.

* + 1. Basis of Design: Elements Recycled Glass as manufactured by GlassArt Design.

\*\* NOTE TO SPECIFIER \*\* Delete glass color options not required.

* + - 1. Glass Color: Ancient Gray.
      2. Glass Color: Brown.
      3. Glass Color: Jade.
      4. Glass Color: White.

\*\* NOTE TO SPECIFIER \*\* Standard glass thickness is 7/8 (22 mm). Sheets can be cut to custom sizes, 3 sq ft (2787 sq cm) minimum. See manufacturer's website for more detailed information.

* + - 1. Glass Thickness: 7/8 inch (22 mm).
      2. Glass Thickness: \_\_\_inches (\_\_\_ mm).
      3. Glass Thickness: As detailed on the Drawings.
      4. Glass Sheet Size: \_\_\_inches (\_\_\_ mm).
      5. Glass Sheet Size: As detailed on the Drawings.
      6. Glass Finish: Polished.

\*\* NOTE TO SPECIFIER \*\* Delete glass edges options not required.

* + - 1. Glass Edges: Flat Polished.
      2. Glass Edges: Flat Ground.
      3. Glass Edges: Mitered.
      4. Glass Edges: As detailed on the Drawings.

\*\* NOTE TO SPECIFIER \*\* Delete custom options not required or delete all. Safety glazing may not be available for all pattern options. Contact manufacturer for more information.

* + - 1. Custom Options:
         1. Holes: As detailed on the Drawings.
         2. Sink Cutouts: As detailed on the Drawings.
         3. Sink Cutouts: With polishing.
         4. Sink Cutouts: Without polishing.

\*\* NOTE TO SPECIFIER \*\* Gemma Glass by GlassArt Design is a natural product, made from one hundred percent glass, kiln fused in a mold. Delete if not required.

* + 1. Basis of Design: Gemma Glass Countertops as manufactured by GlassArt Design.

\*\* NOTE TO SPECIFIER \*\* Delete glass color options not required.

* + - 1. Glass Color: Brown.
      2. Glass Color: Jade.
      3. Glass Color: White.
      4. Glass Color: White/Brown.
      5. Glass Color: White/Gray.
      6. Glass Color: Gray.
      7. Glass Color: Green/Brown.
      8. Glass Color: Black.
      9. Glass Color: Navy.
      10. Glass Color: Tortoise Shell.
      11. Glass Color: \_\_\_\_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Thickness varies by application from inch (24 mm) to 2 inches (48 mm).

* + - 1. Glass Thickness: 1 inch (25 mm).
      2. Glass Thickness: \_\_\_inches (\_\_\_ mm).
      3. Glass Thickness: As detailed on the Drawings.
      4. Glass Sheet Size: \_\_\_inches (\_\_\_ mm).
      5. Glass Sheet Size: As detailed on the Drawings.
      6. Glass Finish: Flat, matte finish.

\*\* NOTE TO SPECIFIER \*\* Delete glass edges option not required.

* + - 1. Glass Edges: Flat Ground.
      2. Glass Edges: Hand Polished.

\*\* NOTE TO SPECIFIER \*\* Delete custom options not required or delete all. Safety glazing may not be available for all pattern options. Contact manufacturer for more information.

* + - 1. Custom Options:
         1. Holes: As detailed on the Drawings.
         2. Sink Cutouts: As detailed on the Drawings.
         3. Outlet Cutouts: As detailed on the Drawings.
         4. Notches: As detailed on the Drawings.
         5. Shapes: As detailed on the Drawings.
         6. Holes / Cutouts / Notches: With polishing.
         7. Holes / Cutouts / Notches: Without polishing.
         8. Safety Glazing: Laminated.
         9. Safety Glazing: Safety Backing.
    1. Basis of Design: Fused Glass as manufactured by GlassArt Design.

\*\* NOTE TO SPECIFIER \*\* Delete glass type options not required.

* + - 1. Glass Type: Clear float.
      2. Glass Type: Clear low-iron.
      3. Glass Type: Tinted
      4. Glass Type: Custom Color: \_\_\_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Glass thickness varies by pattern from 1/4 to 3 inches (6 to 76 mm). See manufacturer's website for more detailed information.

* + - 1. Glass Thickness: \_\_\_ inches (\_\_\_ mm).
      2. Glass Sheet Size: \_\_\_ inches (\_\_\_ mm).

\*\* NOTE TO SPECIFIER \*\* Delete pattern option not required.

* + - 1. Custom Pattern: As indicated on Drawings.
      2. Custom Pattern: To be provided by Architect.

\*\* NOTE TO SPECIFIER \*\* Contact GlassArt for other available glass edges.

* + - 1. Glass Edges: Fire polished.
      2. Glass Edges: Flat polished.
      3. Glass Edges: Flat ground.
      4. Glass Edges: Nibbled.

\*\* NOTE TO SPECIFIER \*\* Delete paragraph or delete custom options not required or delete all.

* + - 1. Custom Options:
         1. Applied Opaque Color Coating: \_\_\_\_\_\_\_\_.
         2. Applied Translucent Color Coating: \_\_\_\_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* Marine-grade clear coating makes glass maintenance friendly.

* + - * 1. Marine-grade clear coating.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly constructed and prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
   3. INSTALLATION
      1. Install in accordance with manufacturer's instructions approved submittals and in proper relationship with adjacent construction.
   4. FIELD QUALITY CONTROL
      1. Field Inspection: Coordinate field inspection in accordance with appropriate sections in Division 01.
   5. CLEANING AND PROTECTION
      1. Clean products in accordance with the manufacturers recommendations.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION