SECTION 13 10 10

SECURITY BAFFLE TRANSACTION WINDOWS

\*\* NOTE TO SPECIFIER \*\* Total Security Solutions; Bullet Resistant Partitions and Equipment.  
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This section is based on the products of Total Security Solutions, which is located at:  
170 National Park Drive,  
Fowlerville, MI 48836.  
Tel: (866) 930-7807.  
Fax: (517) 223-0805.  
Email:[info@tssbulletproof.com](mailto:info@tssbulletproof.com).  
Web:[www.tssbulletproof.com.](file:///C:\Users\bgeorge\Downloads\www.tssbulletproof.com)  
.  
Total Security Solutions, Inc. designs, fabricates and installs custom bullet proof or bullet resistant enclosures.  
We offer individual on-site surveys, state of the art CAD systems for engineering and manufacturing. We ensure that your security requirements are met using over 25 years of experience.  
We take your project from concept to reality. We ensure a quality installation suited to your individual bullet resistant security requirements whether its new construction or retrofits, you can rest easy that it will be done in a timely manner at a competitive price.  
We inventory a variety of bullet resistant products including transparencies of monolithic acrylic either coated or not, laminated polycarbonate or acrylic polycarbonate composite in UL levels 1 through 3. Reinforced fiberglass armor in UL levels 1 through 3 are also inventory items.  
Give us the opportunity to solve your bullet resistant challenges. Each project brings its own unique situations. With thousands of projects completed, we are committed to supplying you with the most advanced products, cutting edge solutions at competitive prices. You can rely on our commitment to ensure the best solution for your bullet resistant needs.  
  
See our SpecWizard:[Click Here](http://www.arcat.com/specwizard/13070tss/index.htm)

1. GENERAL
   1. SECTION INCLUDES
      1. Security Transaction Windows.
   2. RELATED SECTIONS

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

* + 1. Section 06 10 00 - Rough Carpentry.
    2. Section 08 70 00 - Hardware.
    3. Section 08 81 00 - Glass.
  1. REFERENCES

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

* + 1. ASTM B 209/B 209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00.
     2. Product Data: Manufacturer's data sheets on each product to be used, including:
        1. Preparation instructions and recommendations.
        2. Storage and handling requirements and recommendations.
        3. Installation methods.
     3. Shop Drawings: Submit Manufacturer approved shop drawings detailing plan, section and elevation views as necessary to ensure proper field installation procedures. Coordinate locations with those listed in the Contract Drawings.

\*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected.

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
    2. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.
  1. QUALITY ASSURANCE

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project 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: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
       1. Finish areas designated by Architect.
       2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
       3. Refinish mock-up area as required to produce acceptable work.
  1. DELIVERY, STORAGE, AND HANDLING
     1. Store products in manufacturer's unopened packaging until ready for installation.
     2. Store and dispose of hazardous materials, and materials contaminated by hazardous materials, in accordance with requirements of local authorities having jurisdiction.
  2. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
  3. WARRANTY
     1. At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions, and exclusions from coverage.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Total Security Solutions, which is located at: 935 Garden Lane Dr.; Fowlerville, MI 48836; Tel: 517-223-7807; Fax: 517-223-0805; Email: bgeorge@tssbulletproof.com; Web:[www.tssbulletproof.com](http://www.tssbulletproof.com)
   2. SECURITY TRANSACTION MODULES
      1. Scope: Custom fabricated security panels with secure air passage as required for voice transmission. Panels are prefabricated to fit existing fixtures, with all necessary components, hardware, and accessories being supplied as needed for complete installation.
         1. System Type: Vertical Baffle Transaction Window.
      2. Construction:
         1. Model: Interior Baffle Transaction Window
         2. Glazing: As specified in Article 2.2 of this section.
            1. Glazing Type: GP 500- 1/2” Monolithic General Purpose Polycarbonate.

UL 972 Tested

* + - 1. Frame: Aluminum 1” x 4” tube and fixed glazing u-channel. Glazing is wrapped with anodized aluminum u-channel.
         1. Extruded aluminum alloy 6063 T5 manufactured in accordance with ASTM B209. Anodized finish to match the existing decor and be free of sharp edges or burrs when in place.
         2. Finish: Clear satin
      2. 16” x 2” cut out at bottom of window.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect 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.
   4. PROTECTION
      1. Protect installed products until completion of project.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION