

### INSTRUCTIONS: CARRITEC Cover “Quick-Spec” Guideline

Note: This specification guideline is provided in Microsoft Word format (.doc). It included several imbedded notes (highlighted in red text) to assist the specifying architect. Any text may be deleted or edited as necessary.

To adapt specification to your specific project:

- Save this document to disk “as is” with all notations and instructions, for future use.
- Open this document. Begin review of contents.
- Select (and retain) desired material style information. (Delete information pertaining to finish not selected and deletes blue-highlighted text.)
- Select (and retain) desired finish specification information. (Delete information pertaining to finish not selected and delete blue-highlighted text)
- Make sure all red instructional copy is deleted and adjust vertical spacing, if needed.
- Choose “Save as” under the “File” tab (at top listing) and indicate a project-specific name. This will save modified specification to your computer for use as needed with project specification documents.

Feel free to call our sales department should you have any questions regarding the specification of our products. CARRITEC Creative Metal Fabrication (514) 457-2127 for CARRITEC sales

## SECTION 05580

# ARCHITECTURAL METAL COLUMN COVERS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Extent of Column Covers System is shown on drawings and schedules
- B. Drawings and general provisions of the Contract Documents apply to work of this section.

#### 1.2 SUBMITTALS

- A. Submit manufacturer's product data, specifications and installations instructions.
- B. Shop Drawings: Plans coordinating penetrations and mounted items. Show the following details:
  - a. Details and plans for the Column Covers installation
  - b. Clearly illustrate all components of the Column Covers fixations and components
  - c. System assembly details and connections to building components
  - d. List of materials, dimensions, fastenings and any special details
- C. Submit a minimum of three (3) colors and finishes samples to determine range of texture and consistency of color and finish to be expected on the site condition. Standard samples selected to be 3" x 3"

#### 1.3 QUALITY ASSURANCE

- A. Manufacturer Qualifications:
  - a. Manufacturer shall have a minimum of 5 years' experience in manufacturing architectural metal working
- B. Installer Qualifications:
  - a. Installation work to be performed by a firm whose personnel have no less than three (3) years of successful experience on projects of similar size, requirements and complexity.

#### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to the project site in manufacturer's original crating, properly labeled for identification and installation purposes.
- B. Store products in manufacturer's unopened packaging until ready for installation clearly labelled with the following information: project number, item number and quantity, manufacturer's name and address, client name and address and site address.
- C. Store components in a fully enclosed dry space where they will be protected against damage from moisture, direct sunlight, surface contamination and other construction activities.
- D. Comply with prescribed stacking instructions to prevent damage to the components.
- E. Handle components in a manner to prevent damage to the surfaces and edges and prevent distortion and other physical damage

#### 1.5 WARRANTY

- A. Provide manufacturer's warranty against defects in material and workmanship for a period of one (1) year beginning on Date of Substantial Installation Completion

## PART 2 - PRODUCTS

### 2.1 MANUFACTURER

- A. Subject to compliance with requirements, provide products from the following manufacturer:  
**CARRITEC**  
575 boul Morgan, Baie-d'Urfé, Qc, H9X 3T6  
Phone 514-457-7779 • Fax 514-457-5559  
Contact: [info@carritec.com](mailto:info@carritec.com)
- B. Carritec Column Cover Series **EZ; HO; KS; SI** <Remove item not applicable>

### 2.2 MATERIALS AND FABRICATION

- A. Column Covers will consist in longest practical lengths, true to shape, accurate in size, square and free from distribution or manufacturing defects.
- B. All Horizontal seams shall have **Butt-joint, Open reveal** as shown on drawings. <Remove item not applicable>
- C. All Vertical seams shall have **Butt-joint, Open reveal** as shown on drawings. <Remove item not applicable>
- D. Material:
- a. Aluminum sheet comply with ASTM B 209, alloy and tempered recommended by aluminum producer and finish indicated, and with not less than the strength and durability properties of the 3003-H14 for painted finish or laminate finish and 5005-H14 for anodized finish. <Remove this section if not applicable>
- i. Thickness: 0.063"; 0.090"; 0.125" <Remove items not applicable>
- ii. Finish: Standard: polyester baked enamel, selected from manufacturer's standard colors; Polyvinylidene fluoride resin (Kynar 500) Paint; Lacquer mill; Clear Anodized (Bright; Brushed; Brushalum; Satin); Veneer (Please contact Carritec for selection of wood essence); Laminates (Please contact Carritec for wood grain laminates selection) <Remove items not applicable> Please contact Carritec to learn more on our special high-end finishes
- iii. Color: Custom color selected by Architect <Remove items not applicable>
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- b. Stainless steel sheet to comply with ASTM A789 type 304 OR 316 <Remove this section if not applicable>
- i. Thickness: 14 gauge; 16 gauge <Remove items not applicable>
- ii. Finish: Mill Finished (2B); Brushed (#4, #6); Mirror Finished (#8, #10); Non-Directional Finished; Embossed (Please contact Carritec for embossed selections) <Remove items not applicable> Please contact Carritec to learn more on our special high-end finish
- iii. Color: Custom color selected by Architect <Remove items not applicable>
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- c. Satin coat sheets complying with ASTM A 366 for required finish at job site. <Remove this section if not applicable>
- i. Thickness: 14 gauge; 16 gauge <Remove items not applicable>
- ii. Finish: Galvanized; Baked Enamel; Kynar 500 Paint <Remove items not applicable> Please contact Carritec to learn more on our special high-end finish
- iii. Color: Custom color selected by Architect <Remove items not applicable>
- E. Mounting attachment brackets made in galvanized steel complying with ASTM A 653 in 12 GA thickness.
- F. Flame spread: Class A per ASTM E 1264

## 2.3 MANUFACTURING

- A. Configuration: Round (2 pieces; 3 pieces; 4 pieces); Square; Rectangular; Oval; Racetrack; Custom configuration (please consult Carritec for custom configuration) **<Remove items not applicable>**
- B. Diameter: \_\_\_\_\_
- C. Joint Type:
  - a. Vertical: Butt joint; Reveal **<Remove items not applicable>**
  - b. Horizontal:
    - i. Ceiling: Flush to ceiling; Adjustable inset reveal; Through ceiling **<Remove items not applicable>**
    - ii. Intermediate: Inset reveal joint; Butt joint ceiling **<Remove items not applicable>**
    - iii. Floor: Flush to floor; Fixed inset reveal; Adjustable inset reveal **<Remove items not applicable>**
- D. Accessories & Insert: Fasteners shall be concealed, non-corrosive type, as recommended by the column cover manufacturer. E. Factory Fabrication:
  - a. Form column covers to specified dimensions and diameters as indicated on shop drawings.
  - b. Column covers shall be self-aligning with attachment brackets at 18" o.c. to assure solid attachment to the structure.
  - c. Form radii to achieve true and even curves as indicated on the shop drawing.
  - d. Provide column covers in section of 10'-0" per section. Provide additional sections to achieve finished heights.
  - e. Columns shall have no exposed fasteners unless specified.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine job-site conditions for conditions that may adversely affect installation of the column covers.
- B. Verify dimensions of column covers prior to installation to assure compatibility with job-site conditions.
- C. Verify post structure is sound, level, and parallel prior to installation of the column covers.
- D. Column covers shall be inspected before installation to be free of dents, scratches and other defects prior to installation finished surfaces to assure that blemished or dented surfaces are not present prior to installation.

### 3.2 INSTALLATION

- A. Install column Covers in accordance with manufacture's written instructions and approved shop drawings.
- B. All support blocking structures to be supplied by general contractor.
- C. Column Covers shall be erected plumb, level, square, true to line, secured and in proper alignment and relationship to other work of other trades.

### 3.3 PRODUCT HANDLING

- A. Delivery: Deliver column components to job site in unopened containers designed to protect product on site as well as in transit, properly identified with product manufacturer's name, trade name and other applicable identification.
- B. Storage: Store all materials in dry and protected locations until installation.
- C. Remove protective film material from columns only when space is completely clean and dust free of airborne particles. Clean, cotton white gloves shall be used for final installation.

- D. Remove and replace units that have been damaged or cannot be satisfactorily cleaned to the owner's or architect's acceptance, at no additional cost to the owner. To clean materials follow manufacturer's written cleaning procedures.

- END OF SECTION -