

Leatherneck Hardware, Inc.  
PO Box 1142  
Danville, Illinois 61834  
Toll Free (888) 442-4572  
Phone (217) 442-4572  
Fax (217) 442-3613  
Website www.doorhdwe.com  
E-mail info@doorhdwe.com

November 2005

## Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all Specifier Notes when editing this section.

Section numbers and titles are from *MasterFormat* 1995 Edition, with numbers and titles from *MasterFormat* 2004 Edition in parentheses. Delete version not required.

### SECTION 08710 (08 71 00)

#### SLIDING AND FOLDING DOOR HARDWARE

Specifier Notes: This section covers Coburn Sliding Systems sliding and folding door hardware for interior and exterior wood and steel doors. Consult Leatherneck Hardware, Inc. for assistance in editing this section for the specific application.

Edit the section title, if necessary, when specifying only sliding door hardware or folding door hardware.

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

Specifier Notes: List the sliding system door hardware types specified in Part 2 – Products of this section. Delete door hardware types not specified.

- A. Interior, straight sliding, top-hung, door hardware.
- B. Interior, straight-sliding, bottom-rolling, door hardware.
- C. Interior, folding, top-hung, door hardware.

- D. Interior, folding, bottom-rolling, door hardware.
- E. Exterior, straight sliding, top-hung, door hardware.
- F. Exterior, straight-sliding, bottom-rolling, door hardware.
- G. Exterior, folding, top-hung, door hardware.
- H. Exterior, folding, bottom-rolling, door hardware.

## 1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 08100 (08 11 00) – Metal Doors and Frames.
- B. Section 08160 (08 13 73) – Sliding Metal Doors.
- C. Section (08 13 76) – (Bifolding Metal Doors).
- D. Section 08260 (08 14 73) – Sliding Wood Doors.
- E. Section (08 14 76) – (Bifolding Wood Doors).
- F. Section 08350 – Folding Doors.

## 1.3 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.

Specifier Notes: Edit the following paragraph for the required manufacturer's samples. Delete the paragraph if manufacturer's samples are not required.

- C. Samples: Submit manufacturer's samples of door hardware, including finish and fasteners.
- D. Warranty: Submit manufacturer's standard warranty.

## 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver door hardware to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store door hardware in clean, dry area indoors in accordance with manufacturer's instructions.
- C. Handling: Protect door hardware during handling and installation to prevent damage.

## **PART 2 PRODUCTS**

### **2.1 MANUFACTURER**

Specifier Notes: Leatherneck Hardware, Inc. is the exclusive distributor in the US for Coburn Sliding Systems. Coburn Sliding Systems are manufactured in Great Britain by Hillaldam Coburn Limited.

- A. Leatherneck Hardware, Inc., PO Box 1142, Danville, Illinois 61834. Toll Free (888) 442-4572. Phone (217) 442-4572. Fax (217) 442-3613. Website [www.doorhdwe.com](http://www.doorhdwe.com). E-mail [info@doorhdwe.com](mailto:info@doorhdwe.com).
- B. Sliding and Folding Door Hardware: Coburn Sliding Systems.

Specifier Notes: Consult Leatherneck Hardware for information when specifying sliding systems for:

- 1. Cable carrying equipment.
- 2. Strip curtain hangers.
- 3. Industrial curtains and tarps.
- 4. Commercial vehicle doors.

### **2.2 INTERIOR, STRAIGHT-SLIDING, TOP-HUNG, DOOR HARDWARE**

- A. Door Hardware: Hush.
  - 1. Maximum Door Weight: 20 pounds.
  - 2. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Aluminum.
  - b. Top Track Length: [3'-11"] [5'-11"].
  - c. Sliders: Nylon.
  - d. Door Guides: Nylon.
  - e. Finger pulls.
  - f. Door stop.
- B. Door Hardware: Double 60.
  - 1. Maximum Door Weight: 60 pounds.
  - 2. Maximum Door Height: 6'-6".
  - 3. Maximum Door Thickness: 1-3/8 inches.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Double Top Track: Aluminum.
- b. Wheel Hangers: Nylon.
- c. Finger pulls.
- d. Door stop.

C. Door Hardware: Double 60X.

- 1. Maximum Door Weight: 60 pounds.
- 2. Maximum Door Thickness: 1-3/4 inches.
- 3. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Double Top Track: Aluminum.
- b. Wheel Hangers: Nylon.
- c. Finger pulls.
- d. Door stop.

D. Door Hardware: Twin 60.

- 1. Maximum Door Weight: 60 pounds.
- 2. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Aluminum.
- b. Top Track Length: [3'-11"] [4'-11"] [5'-11"] [7'-10"].
- c. Wheel Hangers: Nylon.
- d. Door Guides: Nylon.
- e. Finger pulls.
- f. Door stop.

E. Door Hardware: Single 60.

- 1. Maximum Door Weight: 60 pounds.
- 2. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Aluminum.
- b. Wheel Hangers: Nylon.
- c. Door Guides: Nylon.
- d. Finger pull.

F. Door Hardware: Twin 100.

- 1. Maximum Door Weight: 100 pounds.

2. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Aluminum.
- b. Top Track Length: [5'-11"] [7'-10"].
- c. Wheel Hangers: Nylon.
- d. Door Guides: Nylon.
- e. Door stop.

G. Door Hardware: House One.

- 1. Maximum Door Weight: 100 pounds.

Specifier Notes: Specify the required door width.

- 2. Door Width: [2'-0" to 2'-6"] [2'-6" to 3'-0"] [3'-0" to 3'-6"].
- 3. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top track.
- b. Wheel Hangers: Nylon.
- c. Door guide.
- d. Door stops.

H. Door Hardware: Solo Vitesse.

- 1. Maximum Door Weight: 110 pounds.
- 2. Maximum Door Width: 3 feet.
- 3. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top track.
- b. Hanger assembly.
- c. Door channel.
- d. Floor guide.
- e. Door stop.
- [f. No-channel bottom guiding.]

I. Door Hardware: Flyside Panther.

- 1. Maximum Door Weight: 120 pounds.

Specifier Notes: Specify the required door width.

2. Door Width: [Maximum 2'-0"] [2'-0" to 2'-6"] [2'-6" to 3'-0"] [3'-0" to 3'-6"] [3'-6" to 4'-0"] [4'-0" to 4'-6"] [4'-6" to 5'-0"].
3. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Ball bearing top assembly with door plates and pendant bolts.
- b. Door channel.
- c. Floor guide.
- d. Door stops.

- J. Door Hardware: Straightaway Series 100.
1. Maximum Weight per Door Leaf: 220 pounds.
  2. Maximum Door Height: 8 feet.
  3. Door Thickness: 3/4 inch to 2 inches, wood door.
  4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: [Galvanized steel, 18 gage] [Aluminum].
- b. Top Track Length: [4'-11"] [5'-11"] [6'-10"] [7'-10"] [9'-10"] [13'-1"].
- c. Side Wall Bracket: Aluminum.
- d. Closed end piece.
- e. 4-wheel hanger.
- f. Side mount bracket pack.
- g. Track Door Stop.
- h. Door Guide: [Polypropylene] [Nylon blade].
- i. Floor Channel: Aluminum, [5/8 inch by 1/2 inch] [1 inch by 1 inch].
- j. Floor Channel Length: [4'-11"] [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- k. Pull: [Flush] [Door].
- l. Floor bolt.
- m. Door stop.

- K. Door Hardware: Straightaway 100SS.
1. Maximum Weight per Door Leaf: 220 pounds.
  2. Maximum Door Height: 8 feet.
  3. Door Thickness: 1-3/16 inches to 2 inches.
  4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Type 316 stainless steel.
- b. Top Track Length: [6'-10"] [9'-10"].
- c. Side Wall Bracket: Stainless steel.
- d. Closed end piece.
- e. Hangers: Stainless steel, 4 nylon wheels.
- f. Side mount bracket pack.
- g. Track Door Stop.
- h. Door Guide: [Polypropylene] [Stainless steel].
- i. Bottom Channel: Stainless steel.
- j. Bottom Channel Length: [6'-10"] [9'-10"].
- k. Pull: [Flush] [Door], stainless steel.
- l. Floor Bolt: Stainless steel.
- m. Door Stop: Stainless steel.

### 2.3 INTERIOR, STRAIGHT-SLIDING, BOTTOM-ROLLING, DOOR HARDWARE

- A. Door Hardware: Jason (Straightaway 600).
  - 1. Maximum Door Weight: 50 pounds.
  - 2. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Channel: Aluminum.
- b. Top Channel Length: [3'-11"] [5'-11"].
- c. Bottom Track: Aluminum.
- d. Bottom Track Length: [3'-11"] [5'-11"].
- e. Top Guides: Nylon.
- f. Bottom rollers.
- g. Finger pulls.
- h. Door stop.

- B. Door Hardware: Straightaway 660.
  - 1. Maximum Door Weight: 120 pounds.
  - 2. Maximum Door Height: 7 feet.
  - 3. Door Thickness: 1-3/16 inches to 1-3/4 inches.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Channel: Galvanized steel.
- b. Top Guide: Nylon.

- c. Bottom Roller: Mortise fixing.
- d. Bottom Track: [Galvanized steel, 3/8 inch by 13/16 inch] [Brass, 3/8 inch by 13/16 inch] [Brass, 3/8 inch by 1 inch].

- C. Door Hardware: Straightaway 700.
  - 1. Maximum Door Weight: 250 pounds.
  - 2. Maximum Door Height: 8 feet.
  - 3. Door Thickness: 1-3/16 inches to 2-3/8 inches.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Guide Channel: [Aluminum] [Brass].
- b. Top Guide Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top guide rattleproof.
- d. Bottom Roller: Mortise mount.
- e. Bottom Track: [Galvanized steel, 3/8 inch by 13/16 inch] [Brass, 3/8 inch by 13/16 inch] [Brass, 3/8 inch by 1 inch] [Brass, 7/16 inch by 1-1/4 inches].
- f. Bottom Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- g. Rubber bumper.
- h. Tee Handle: Satin chrome.

- D. Door Hardware: Straightaway 710.
  - 1. Maximum Door Weight: 400 pounds.
  - 2. Maximum Door Height: 10 feet.
  - 3. Door Thickness: 1-3/16 inches to 2-3/8 inches.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Guide Track: Galvanized steel, 14 gage.
- b. Top Guide Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top guide twin wheel rattleproof.
- d. Mortise bottom roller.
- e. Bottom Track: Brass, 3/8 inch by 1 inch.
- f. Bottom Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- g. Rubber bumper.
- h. Tee Handle: Satin chrome.

- E. Door Hardware: Straightaway 720.
  - 1. Maximum Door Weight: 880 pounds.
  - 2. Maximum Door Height: 11 feet.
  - 3. Door Thickness: 1-3/4 inches minimum.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Guide Track: Galvanized steel, 12 gage.
- b. Top Guide Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint assembly.
- f. Open joint double side wall bracket.
- g. Lock joint double side wall bracket.
- h. Open universal soffit bracket.
- i. Lock joint universal soffit bracket.
- j. Top guide twin wheel rattleproof.
- k. Mortise bottom roller.
- l. Bottom Track: Brass, 9/16 inch by 1-3/16 inches.
- m. Bottom Track Length: [5'-11"] [7'-10"] [9'-10"].
- n. Flush handle.

## 2.4 INTERIOR, FOLDING, TOP-HUNG, DOOR HARDWARE

- A. Door Hardware: Twin-Fold.
  1. Maximum Door Weight: 33 pounds.
  2. Maximum Door Height: 8 feet.

Specifier Notes: Specify the required door opening.

3. Opening: [3 feet, 2 doors] [5 feet, 4 doors].
4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Aluminum.
- b. Top and bottom pivots.
- c. Top guides.
- d. Hinges.
- e. Stops.
- f. Handles.

- B. Door Hardware: Foldaside 100.
  1. Maximum Weight per Leaf: 60 pounds.
  2. Maximum Leaf Height: 8 feet.
  3. Maximum Door Leaf Width: 2 feet.
  4. Leaf Thickness: 3/4 inch to 1-9/16 inches.
  5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: [Galvanized steel, 18 gage] [Aluminum].
- b. Top Track Length: [4'-11"] [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. 4-wheel folding door hanger.
- d. Side mounting bracket.
- e. Pivot set.
- f. Door guide.
- g. Floor Channel: Aluminum, 5/8 inch by 1/2 inch.
- h. Floor Channel Length: [4'-11"] [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- i. Hinges.
- j. Flush pull.
- k. Door pull.
- l. Floor bolt.

- C. Door Hardware: Foldaside 240.
  - 1. Maximum Weight per Leaf: 80 pounds.
  - 2. Maximum Leaf Height: 8 feet.
  - 3. Maximum Door Leaf Width: 2'-8".
  - 4. Door Thickness: 1-3/8 inches to 1-3/4 inches.
  - 5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 16 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Bracket, open, soffit fixing.
- d. Closed end piece.
- e. Bracket, lock-joint, soffit fixing.
- f. Hangers: [2 wheel] [4 wheel].
- g. Foldaside Butt Hinges: [Steel] [Satin anodized] [Polished brass], 3 inches by 2 inches.
- h. Bottom guide.
- i. Floor Channel: Aluminum, 5/8 inch by 1/2 inch.
- j. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- k. Flush Bolts: [Satin anodized] [Gold anodized].
- l. Flush Handle: [Polished brass] [Satin chrome].
- m. Rebated roller catch.
- [n. Jamb pivot set.]

- D. Door Hardware: Foldaside 210.
  - 1. Maximum Weight per Door Leaf: 80 pounds.
  - 2. Maximum Door Height: 8 feet.
  - 3. Maximum Door Leaf Width: 2'-8".
  - 4. Door Thickness: 1-1/2 inches to 1-3/4 inches.
  - 5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 16 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint plate.
- f. End hanger.
- g. Center hanger.
- h. Center backflap hinge.
- i. Foldaside Butt Hinge: [1 inch by 1-15/16 inches] [3-1/2 inches by 2-3/8 inches].
- j. Foldaside Butt Hinge: 4 inches by 2-5/8 inches.
- k. End guide.
- l. Center guide.
- m. Floor Channel: Galvanized steel, 1 inch by 1 inch.
- n. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- o. Channel lug.
- p. Connecting shoe.
- q. Drop bolt.
- r. Handle: [Bow] [Flush].

- E. Door Hardware: Foldaside 310 (3-20 Track).
  - 1. Maximum Weight per Door Leaf: 120 pounds.
  - 2. Maximum Door Height: 11 feet.
  - 3. Maximum Door Leaf Width: 3 feet.
  - 4. Door Thickness: 1-3/4 inches to 2-1/4 inches.
  - 5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 14 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint plate.
- f. End hanger.
- g. Center hanger.
- h. Center backflap hinge.
- i. Foldaside Butt Hinge: [4 inches by 2-5/8 inches] [4 inches by 4 inches].
- j. End guide.
- k. Center guide.
- l. Floor Channel: [Galvanized steel, 1 inch by 1 inch] [Aluminum, 1 inch by 1 inch] [Brass, 7/8 inch by 7/8 inch].
- m. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- n. Connecting shoe.

- o. Roller bolt.
- p. Handle: [Bow] [Flush].

- F. Door Hardware: Foldaside 340 (3-20 Track).
1. Maximum Weight per Door Leaf: 110 pounds.
  2. Maximum Door Height: 11 feet.
  3. Maximum Door Leaf Width: 3 feet.
  4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 14 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Bracket, open, soffit mount.
- d. Closed end piece.
- e. Bracket, lock-joint, soffit mount.
- f. Hangers: 2 wheel.
- g. Hangers: 4 wheel.
- h. Foldaside Butt Hinges: [Steel] [Satin anodized] [Polished brass], 4 inches by 2-5/8 inches.
- i. Bottom guide.
- j. Floor Channel: [Galvanized steel, 1 inch by 1 inch] [Aluminum, 1 inch by 1 inch] [Brass, 7/8 inch by 7/8 inch].
- k. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- l. Flush Bolt: [Satin anodized] [Gold anodized].
- m. Flush Handle: [Polished brass] [Satin chrome].

- G. Door Hardware: Foldaside 310 (3-25 Track).
1. Maximum Weight per Door Leaf: 130 pounds.
  2. Maximum Door Height: 12 feet.
  3. Maximum Door Leaf Width: 3 feet.
  4. Door Thickness: 1-3/4 inches to 2-1/4 inches.
  5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 12 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint plate.
- f. End hanger.
- g. Center hanger.
- h. Center backflap hinge.
- i. Foldaside Butt Hinge: [4 inches by 2-5/8 inches] [4 inches by 4 inches].
- j. End guide.

- k. Center guide.
- l. Floor Channel: [Galvanized steel, 1 inch by 1 inch] [Aluminum, 1 inch by 1 inch] [Brass, 7/8 inch by 7/8 inch].
- m. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- n. Connecting shoe.
- o. Roller bolt.
- p. Handle: [Bow] [Flush].

H. Door Hardware: Foldaside 340 (3-25 Track).

- 1. Maximum Weight per Door Leaf: 120 pounds.
- 2. Maximum Door Height: 12 feet.
- 3. Maximum Door Leaf Width: 3 feet.
- 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 12 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Bracket, open, soffit mount.
- d. Closed end piece.
- e. Bracket, lock-joint, soffit mount.
- f. Hangers: 2 wheel.
- g. Hangers: 4 wheel.
- h. Foldaside Butt Hinges: [Steel] [Satin anodized] [Polished brass], 4 inches by 2-5/8 inches.
- i. Bottom guide.
- j. Floor Channel: [Galvanized steel, 1 inch by 1 inch] [Aluminum, 1 inch by 1 inch] [Brass, 7/8 inch by 7/8 inch].
- k. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- l. Flush Bolt: [Satin anodized] [Gold anodized].
- m. Flush Handle: [Polished brass] [Satin chrome].

I. Door Hardware: Centafold Series 100.

- 1. Maximum Weight per Door Leaf: 60 pounds.
- 2. Maximum Door Height: 8 feet.
- 3. Maximum Leaf Width: 2 feet.
- 4. Door Thickness: 3/4 inch to 1-9/16 inches.
- 5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: [Galvanized steel, 18 gage] [Aluminum].
- b. Top Track Length: [4'-11"] [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. 4-wheel folding door hanger.
- d. Side mounting bracket.
- e. Door guide.

- f. Floor Channel: Aluminum, 5/8 inch by 1/2 inch.
- g. Floor Channel Length: [4'-11"] [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- h. Hinges.
- i. Flush pull.
- j. Door pull.
- k. Floor bolt.

- J. Door Hardware: Centafold 250.
  - 1. Maximum Weight per Door Leaf: 80 pounds.
  - 2. Maximum Door Height: 9 feet.
  - 3. Maximum Door Leaf Width: 4 feet.
  - 4. Door Thickness: 1-3/8 inches by 1-3/4 inches.
  - 5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 16 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Bracket, open, soffit mount.
- d. Closed end piece.
- e. Bracket, lock-joint, soffit mount.
- f. Hangers: 2 wheel.
- g. Hangers: 4 wheel.
- h. Foldaside Butt Hinges: [Steel] [Satin anodized], 3 inches by 2 inches.
- i. Bottom guide.
- j. Floor Channel: Aluminum, 5/8 inch by 1/2 inch.
- k. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- l. Flush bolt.
- m. Flush handle.

- K. Door Hardware: Centafold 350 (3-20 Track).
  - 1. Maximum Weight per Door Leaf: 130 pounds.
  - 2. Maximum Door Height: 11 feet.
  - 3. Maximum Door Leaf Width: 4 feet.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 14 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Bracket, open, soffit mount.
- d. Closed end piece.
- e. Bracket, lock-joint, soffit mount.
- f. Hangers: 2 wheel.
- g. Hangers: 4 wheel.
- h. Foldaside Butt Hinges: [Steel] [Satin anodized], 4 inches by 2-5/8 inches.

- i. Bottom guide.
- j. Floor Channel: [Galvanized steel, 1 inch by 1 inch] [Aluminum, 1 inch by 1 inch] [Brass, 7/8 inch by 7/8 inch].
- k. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- l. Flush Bolt: [Satin anodized] [Gold anodized].
- m. Flush handle.

- L. Door Hardware: Centafold 350 (3-25 Track).
  - 1. Maximum Weight per Door Leaf: 140 pounds.
  - 2. Maximum Door Height: 12 feet.
  - 3. Maximum Door Leaf Width: 4 feet.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 12 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Bracket, open, soffit mount.
- d. Closed end piece.
- e. Bracket, lock-joint, soffit mount.
- f. Hangers: 2 wheel.
- g. Hangers: 4 wheel.
- h. Foldaside Butt Hinges: [Steel] [Satin anodized], 4 inches by 2-5/8 inches.
- i. Bottom guide.
- j. Floor Channel: [Galvanized steel, 1 inch by 1 inch] [Aluminum, 1 inch by 1 inch] [Brass, 7/8 inch by 7/8 inch].
- k. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- l. Flush Bolt: [Satin anodized] [Gold anodized].
- m. Flush handle.

## 2.5 INTERIOR, FOLDING, BOTTOM-ROLLING, DOOR HARDWARE

- A. Door Hardware: Foldaside 642.
  - 1. Maximum Weight per Door Leaf: 100 pounds.
  - 2. Maximum Door Height: 8 feet.
  - 3. Maximum Door Leaf Width: 3 feet.
  - 4. Door Thickness: 1-3/4 inches.
  - 5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Foldaside Butt Hinge: [Satin anodized, 4 inches by 2-5/8 inches] [Satin chrome, 3-15/16 inches by 3-15/16 inches].
- b. Bottom Rollers: Satin anodized.
- c. Holdback catch.
- d. Flush Bolt: [Cranked,] [Satin anodized] [Gold anodized].

- e. Flush handle.
- f. Flush ring handles.
- g. Mortise Lock: Plain.

B. Door Hardware: Foldaside 640.

- 1. Maximum Weight per Door Leaf: 165 pounds.
- 2. Maximum Door Height: 12 feet.
- 3. Maximum Door Leaf Width: 3 feet.
- 4. Door Thickness: 1-3/4 inches.
- 5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 14 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top guide.
- d. Foldaside Butt Hinge: Satin anodized, 4 inches by 2-5/8 inches.
- e. Bottom Roller: [Satin anodized] [Polished brass].
- f. Bottom Track: Brass, 7/16 inch by 1-1/4 inches.
- g. Bottom Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- h. Flush Bolt: [Satin anodized] [Gold anodized].
- i. Flush handle.
- j. Flush ring handles.
- k. Mortise Lock: Rebated.

C. Door Hardware: Centafold 644.

- 1. Maximum Weight per Door Leaf: 130 pounds.
- 2. Maximum Door Height: 12 feet.
- 3. Maximum Door Leaf Width: 4 feet.
- 4. Door Thickness: 1-3/4 inches.
- 5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 14 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top Guide: Center folding.
- d. Foldaside Butt Hinge: Satin anodized, 4 inches by 2-5/8 inches.
- e. Bottom Roller: [Satin anodized] [Polished brass].
- f. Bottom Track: Brass, 7/16 inch by 1-1/4 inches.
- g. Bottom Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- h. Flush bolt.
- i. Flush handle.
- j. Holdback catch.

D. Door Hardware: Façade.

1. Maximum Leaf Weight: 130 pounds.
2. Maximum Leaf Height: 10 feet.
3. Maximum Leaf Width: 3 feet.
4. Door Thickness: 1-3/4 inches.

Specifier Notes: Specify the required number of door leaves.

5. Door Leaves: [3] [5].
6. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Bottom Roller: [Gold anodized] [Silver anodized].
- b. Top Guide: [Gold anodized] [Silver anodized].
- c. Intermediate Hinge: [Gold anodized] [Silver anodized].
- d. Flush Handle: [Polished brass] [Satin anodized].
- e. Hinges: [Gold anodized] [Silver anodized].
- f. Bottom Track: Brass, 3/8 inch by 1 inch.
- g. Top Channel: Brass.
- h. Holdback catch.

## 2.6 EXTERIOR, STRAIGHT-SLIDING, TOP-HUNG, DOOR HARDWARE

- A. Door Hardware: Straightaway Series 100.
  1. Maximum Weight per Door Leaf: 220 pounds.
  2. Maximum Door Height: 8 feet.
  3. Door Thickness: 3/4 inch to 2 inches, wood door.
  4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: [Galvanized steel, 18 gage] [Aluminum].
- b. Top Track Length: [4'-11"] [5'-11"] [6'-10"] [7'-10"] [9'-10"] [13'-1"].
- c. Side Wall Bracket: Aluminum.
- d. Closed end piece.
- e. 4-wheel hanger.
- f. Side mount bracket pack.
- g. Track Door Stop.
- h. Guide.
- i. Floor Channel: [Galvanized steel, 1 inch by 1 inch] [Aluminum, 1 inch by 1 inch].
- j. Floor Channel Length: [4'-11"] [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- k. Channel lug.
- l. Channel connecting shoe.
- m. Pull: [Flush] [Door].
- n. Floor bolt.

o. Door stop.

B. Door Hardware: Straightaway 100SS.

1. Maximum Weight per Door Leaf: 220 pounds.
2. Maximum Door Height: 8 feet.
3. Door Thickness: 1-3/16 inches to 2 inches.
4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Type 316 stainless steel.
- b. Top Track Length: [6'-10"] [9'-10"].
- c. Side Wall Bracket: Stainless steel.
- d. Closed end piece.
- e. Hangers: Stainless steel, 4 nylon wheels.
- f. Side mount bracket pack.
- g. Track Door Stop.
- h. Door Guide: [Polypropylene] [Stainless steel].
- i. Bottom Channel: Stainless steel.
- j. Bottom Channel Length: [6'-10"] [9'-10"].
- k. Pull: [Flush] [Door], stainless steel.
- l. Floor Bolt: Stainless steel.
- m. Door Stop: Stainless steel.

C. Door Hardware: Straightaway 216.

1. Maximum Weight per Door Leaf: 440 pounds.
2. Maximum Door Height: 13 feet.
3. Door Thickness: 1-3/8 inches to 1-3/4 inches, wood door.
4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

Consult Leatherneck Hardware for information when specifying door hangers for use with hollow tubular-framed metal doors and stay roller bottom guiding arrangements.

- a. Top Track: Galvanized steel, 16 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint plate.
- f. Hanger.
- g. Guide.
- h. Floor Channel: Galvanized steel, 1 inch by 1 inch.
- i. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- j. Channel lug.
- k. Channel connecting shoe.

- l. Handle: [Bow] [Flush].
- m. Door stop.

- D. Door Hardware: Straightaway 320.
  - 1. Maximum Weight per Door Leaf: 880 pounds.
  - 2. Maximum Door Height: 16 feet.
  - 3. Door Thickness: 1-3/4 inches to 2-1/4 inches, wood door.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

Consult Leatherneck Hardware for information when specifying door hangers for use with hollow tubular-framed metal doors and stay roller bottom guiding arrangements.

- a. Top Track: Galvanized steel, 14 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall brackets.
- d. Closed end piece.
- e. Lock joint plate.
- f. Hanger.
- g. Guide.
- h. Floor Channel: Galvanized steel, 1-7/16 inches by 1-7/16 inches.
- i. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- j. Channel connecting shoe.
- k. Handle: [Bow] [Flush].
- l. Door stop.

- E. Door Hardware: Straightaway 325.
  - 1. Maximum Weight per Door Leaf: 1,320 pounds.
  - 2. Maximum Door Height: 19 feet.
  - 3. Door Thickness: 1-3/4 inches to 2-1/4 inches, wood door.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

Consult Leatherneck Hardware for information when specifying door hangers for use with hollow tubular-framed metal doors and stay roller bottom guiding arrangements.

- a. Top Track: Galvanized steel, 12 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint side wall bracket.
- f. Hanger.
- g. Guide.
- h. Floor Channel: Galvanized steel, 1-7/16 inches by 1-7/16 inches.

- i. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- j. Channel connecting shoe.
- k. Handle: [Bow] [Flush].
- l. Door stop.

F. Door Hardware: Straightaway 430.

- 1. Maximum Weight per Door Leaf: 2,200 pounds.
- 2. Maximum Door Height: 23 feet.
- 3. Door Thickness: 2-1/4 inches to 2-3/4 inches, wood door.
- 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 11 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint side wall bracket.
- f. Hanger.
- g. Guide.
- h. Floor Channel: Galvanized steel, 1-7/16 inches by 1-7/16 inches.
- i. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- j. Channel connecting shoe.
- k. Handle: [Bow] [Flush].
- l. Door stop.

G. Door Hardware: Straightaway 438.

- 1. Maximum Weight per Door Leaf: 3,300 pounds.
- 2. Maximum Door Height: 26 feet.
- 3. Door Thickness: 2-1/4 inches to 2-3/4 inches, wood door.
- 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 11 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint side wall bracket.
- f. Hanger.
- g. Guide.
- h. Floor Channel: Galvanized steel, 1-7/16 inches by 1-7/16 inches.
- i. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- j. Channel connecting shoe.
- k. Handle: [Bow] [Flush].
- l. Door stop.

## 2.7 EXTERIOR, STRAIGHT-SLIDING, BOTTOM-ROLLING, DOOR HARDWARE

- A. Door Hardware: Straightaway 700.
1. Maximum Door Weight: 250 pounds.
  2. Maximum Door Height: 8 feet.
  3. Door Thickness: 1-3/16 inches to 2-3/8 inches.
  4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Guide Channel: [Aluminum] [Brass].
- b. Top Guide Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top guide rattleproof.
- d. Bottom Roller: Mortise mount.
- e. Bottom Track: [Galvanized steel, 3/8 inch by 13/16 inch] [Brass, 3/8 inch by 13/16 inch] [Brass, 3/8 inch by 1 inch] [Brass, 7/16 inch by 1-1/4 inches].
- f. Bottom Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- g. Rubber bumper.
- h. Tee Handle: Satin chrome.

- B. Door Hardware: Straightaway 710.
1. Maximum Door Weight: 400 pounds.
  2. Maximum Door Height: 10 feet.
  3. Door Thickness: 1-3/16 inches to 2-3/8 inches.
  4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Guide Track: Galvanized steel, 14 gage.
- b. Top Guide Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top guide twin wheel rattleproof.
- d. Mortise bottom roller.
- e. Bottom Track: Brass, 3/8 inch by 1 inch.
- f. Bottom Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- g. Rubber bumper.
- h. Tee Handle: Satin chrome.

- C. Door Hardware: Straightaway 865.
1. Maximum Door Weight: 550 pounds.
  2. Maximum Door Height: 11 feet.
  3. Door Thickness:
    - a. Timber: 1-3/4 inches.
    - b. Metal: 2 inches.
  4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Guide Track: Galvanized steel, 12 gage.
- b. Top Guide Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint plate.
- f. Open double side wall bracket.
- g. Lock joint double side wall bracket.
- h. Top guide.
- i. Bottom roller.
- j. Bottom Track: Galvanized steel, 2 inches by 1-3/8 inches.
- k. Bottom Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- l. Bottom track connecting shoe.
- m. Handle: [Bow] [Flush].
- n. Door stop.
- o. Weatherhood.

- D. Door Hardware: Straightaway 720.
  - 1. Maximum Door Weight: 880 pounds.
  - 2. Maximum Door Height: 11 feet.
  - 3. Door Thickness: 1-3/4 inches minimum.
  - 4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Guide Track: Galvanized steel, 12 gage.
- b. Top Guide Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint assembly.
- f. Open joint double side wall bracket.
- g. Lock joint double side wall bracket.
- h. Open universal soffit bracket.
- i. Lock joint universal soffit bracket.
- j. Top guide twin wheel rattleproof.
- k. Mortise bottom roller.
- l. Bottom Track: Brass, 9/16 inch by 1-3/16 inches.
- m. Bottom Track Length: [5'-11"] [7'-10"] [9'-10"].
- n. Flush handle.

- E. Door Hardware: Straightaway 880.
  - 1. Maximum Door Weight: 1,100 pounds.
  - 2. Maximum Door Height: 13 feet.
  - 3. Door Thickness:
    - a. Timber: 2-1/4 inches.

- b. Metal: 2 inches to 2-3/8 inches.
4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 12 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint plate.
- f. Top guide.
- g. Bottom rollers.
- h. Bottom Track: Galvanized steel, 2-1/2 inches by 2-1/2 inches.
- i. Bottom Track Length: 9'-10".
- j. Bottom track connecting shoe.
- k. Handle: [Bow] [Flush].
- l. Door stop.
- m. Weatherhood.

- F. Door Hardware: Straightaway 884.
  1. Maximum Door Weight: 2,200 pounds.
  2. Maximum Door Height: 16 feet.
  3. Door Thickness:
    - a. Timber: 2-1/4 inches.
    - b. Metal: 2-3/8 inches.
  4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Guide Track: Galvanized steel, 11 gage.
- b. Top Guide Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint side wall.
- f. Open joint double side wall bracket.
- g. Lock joint double side wall bracket.
- h. Top guide.
- i. Bottom roller.
- j. Bottom Track: Galvanized steel, 2-1/2 inches by 2-1/2 inches.
- k. Bottom Track Length: 9'-10".
- l. Handle: [Bow] [Flush].
- m. Door stop.

- G. Door Hardware: Straightaway 900.
  1. Maximum Door Weight: 4,400 pounds.
  2. Maximum Door Height: 20 feet.

3. Door Thickness: 3 inches to 6 inches, metal.
4. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 11 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top guides.
- d. Top track brackets.
- e. Bottom rollers.
- f. Bottom Track: Galvanized steel, 2-9/16 inches by 2 inches.
- g. Bottom Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- h. Door stops.

## 2.8 EXTERIOR, FOLDING, TOP-HUNG, DOOR HARDWARE

- A. Door Hardware: Foldaside 210.
  1. Maximum Weight per Door Leaf: 80 pounds.
  2. Maximum Door Height: 8 feet.
  3. Maximum Door Leaf Width: 2'-8".
  4. Door Thickness: 1-1/2 inches to 1-3/4 inches.
  5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 16 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint plate.
- f. End hanger.
- g. Center hanger.
- h. Center backflap hinge.
- i. Foldaside Butt Hinge: [1 inch by 1-15/16 inches] [3-1/2 inches by 2-3/8 inches].
- j. Foldaside Butt Hinge: 4 inches by 2-5/8 inches.
- k. End guide.
- l. Center guide.
- m. Floor Channel: Galvanized steel, 1 inch by 1 inch.
- n. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- o. Channel lug.
- p. Connecting shoe.
- q. Drop bolt.
- r. Handle: [Bow] [Flush].

- B. Door Hardware: Foldaside 310 (3-20 Track).
  1. Maximum Weight per Door Leaf: 120 pounds.

2. Maximum Door Height: 11 feet.
3. Maximum Door Leaf Width: 3 feet.
4. Door Thickness: 1-3/4 inches to 2-1/4 inches.
5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 14 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint plate.
- f. End hanger.
- g. Center hanger.
- h. Center backflap hinge.
- i. Foldaside Butt Hinge: [4 inches by 2-5/8 inches] [4 inches by 4 inches].
- j. End guide.
- k. Center guide.
- l. Floor Channel: Galvanized steel, 1-7/16 inches by 1-7/16 inches.
- m. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- n. Connecting shoe.
- o. Roller bolt.
- p. Handle: [Bow] [Flush].

C. Door Hardware: Foldaside 310 (3-25 Track).

1. Maximum Weight per Door Leaf: 130 pounds.
2. Maximum Door Height: 12 feet.
3. Maximum Door Leaf Width: 3 feet.
4. Door Thickness: 1-3/4 inches to 2-1/4 inches.
5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 12 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint plate.
- f. End hanger.
- g. Center hanger.
- h. Center backflap hinge.
- i. Foldaside Butt Hinge: [4 inches by 2-5/8 inches] [4 inches by 4 inches].
- j. End guide.
- k. Center guide.
- l. Floor Channel: Galvanized steel, 1-7/16 inches by 1-7/16 inches.
- m. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].

- n. Connecting shoe.
- o. Roller bolt.
- p. Handle: [Bow] [Flush].

- D. Door Hardware: Foldaside 410.
1. Maximum Weight per Door Leaf: 150 pounds.
  2. Maximum Door Height: 14 feet.
  3. Maximum Door Leaf Width: 3 feet.
  4. Door Thickness: 1-3/4 inches to 2-1/4 inches.
  5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 11 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Open side wall bracket.
- d. Closed end piece.
- e. Lock joint bracket.
- f. End hanger.
- g. Center hanger.
- h. Center backflap hinge.
- i. Foldaside Butt Hinge: 4 inches by 4 inches.
- j. End guide.
- k. Center guide.
- l. Floor Channel: Galvanized steel, 1-7/16 inches by 1-7/16 inches.
- m. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- n. Connecting shoe.
- o. Roller bolt.
- p. Drop bolt.
- q. Handle: [Bow] [Flush].

- E. Door Hardware: Cornaway 210.
1. Maximum Weight per Door Leaf: 80 pounds.
  2. Maximum Door Height: 8 feet.
  3. Maximum Door Width: 3'-3".
  4. Door Thickness: 1-1/2 inches to 1-3/4 inches.
  5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 16 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top track curve 24-inch radius.
- d. Open side wall bracket.
- e. Closed end piece.
- f. Lock joint plate.

- g. End hanger.
- h. Center hanger.
- i. Center backflap hinge.
- j. End guide.
- k. Center guide.
- l. Floor Channel: Galvanized steel, 1 inch by 1 inch.
- m. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- n. Floor channel curve 24-inch radius.
- o. Channel lug for concrete.
- p. Channel connecting shoes.
- q. Guide roller bolt.
- r. Handle: [Bow] [Flush].
- s. Cylinder lock.
- t. Door stop.

- F. Door Hardware: Cornaway 310 (3-20 Track).
- 1. Maximum Weight per Door Leaf: 110 pounds.
  - 2. Maximum Door Height: 11 feet.
  - 3. Maximum Door Leaf Width: 3'-3".
  - 4. Door Thickness: 1-3/4 inches to 2-1/4 inches.
  - 5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 14 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top track curve 24-inch radius.
- d. Open side wall bracket.
- e. Closed end piece.
- f. Lock joint plate.
- g. End hanger.
- h. Center hanger.
- i. Center backflap hinge.
- j. End guide.
- k. Center guide.
- l. Floor Channel: Galvanized steel, 1-7/16 inches by 1-7/16 inches.
- m. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- n. Floor channel curve 24-inch radius.
- o. Channel connecting shoes.
- p. Guide roller bolt.
- q. Handle: [Bow] [Flush].
- r. Cylinder lock.
- s. Door stop.

- G. Door Hardware: Cornaway 310 (3-25 Track).
- 1. Maximum Weight per Door Leaf: 130 pounds.
  - 2. Maximum Door Height: 12 feet.
  - 3. Maximum Door Leaf Width: 3'-3".
  - 4. Door Thickness: 1-3/4 inches to 2-1/4 inches.

5. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Top Track: Galvanized steel, 12 gage.
- b. Top Track Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- c. Top track curve 24-inch radius.
- d. Open side wall bracket.
- e. Closed end piece.
- f. Lock joint plate.
- g. End hanger.
- h. Center hanger.
- i. Center backflap hinge.
- j. End guide.
- k. Center guide.
- l. Floor Channel: Galvanized steel, 1-7/16 inches by 1-7/16 inches.
- m. Floor Channel Length: [5'-11"] [6'-10"] [7'-10"] [9'-10"].
- n. Floor channel curve 24-inch radius.
- o. Channel connecting shoes.
- p. Guide roller bolt.
- q. Handle: [Bow] [Flush].
- r. Cylinder lock.
- s. Door stop.

**2.9 EXTERIOR, FOLDING, BOTTOM-ROLLING, DOOR HARDWARE**

- A. Door Hardware: Façade.
1. Maximum Leaf Weight: 130 pounds.
  2. Maximum Leaf Height: 10 feet.
  3. Maximum Leaf Width: 3 feet.
  4. Door Thickness: 1-3/4 inches.

Specifier Notes: Specify the required number of door leaves.

5. Door Leaves: [3] [5].
6. Components:

Specifier Notes: Edit the following list of door hardware components as required for the specific application. Additional components may need to be added to the list. Consult Leatherneck Hardware for assistance in specifying the door hardware.

- a. Bottom Roller: [Gold anodized] [Silver anodized].
- b. Top Guide: [Gold anodized] [Silver anodized].
- c. Intermediate Hinge: [Gold anodized] [Silver anodized].
- d. Flush Handle: [Polished brass] [Satin anodized].
- e. Hinges: [Gold anodized] [Silver anodized].
- f. Top Channel: Brass, 7/8 inch by 7/8 inch.

- g. Bottom Track: Brass, 1 inch by 3/8 inch.
- h. Holdback catch.
- i. Flush Bolts, 7-1/2 inches: [Satin anodized] [Gold anodized].

## **PART 3 EXECUTION**

### **3.1 EXAMINATION**

- A. Examine areas and surfaces to receive door hardware.
  - 1. Notify Architect of conditions that would adversely affect installation or subsequent use.
  - 2. Do not begin installation until unacceptable conditions are corrected.

### **3.2 SURFACE PREPARATION**

- A. Prepare surfaces to receive door hardware in accordance with manufacturer's instructions.
- B. Remove dirt, dust, debris, oil, grease, and other surface contaminants which could adversely affect installation of door hardware.

### **3.3 INSTALLATION**

- A. Install door hardware in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install door hardware plumb, level, square, true to line, and without warp or rack.
- C. Fasten door hardware securely in place with fasteners supplied by manufacturer.

### **3.4 ADJUSTING**

- A. Adjust door hardware for proper operation in accordance with manufacturer's instructions.
- B. Adjust operating door hardware to operate smoothly without binding.
- C. Adjust door hardware for exterior doors to be weathertight when door is in closed position.
- D. Repair minor damages to door hardware finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged door hardware components that cannot be successfully repaired as determined by Architect.

### **3.5 CLEANING**

- A. Clean door hardware promptly after installation in accordance with manufacturer's instructions.
- B. Do not use harsh cleaning materials or methods that could damage finish.

### **3.6 PROTECTION**

- A. Protect installed door hardware from damage during construction.

**END OF SECTION**