

SECTION 08710

FINISH HARDWARE

PART 1 GENERAL

1.01 DIVISION OF RESPONSIBILITIES TERMINOLOGY: NOT USED

1.02 SUMMARY:

- A. The Contractor shall purchase Door Finish Hardware from the PETCO Inventory Agreement Vendor as shown on the drawings, as specified in this Section, and as required for a complete installation, except where finish hardware items may be specifically noted to be provided by PETCO or others.
- B. Some parts of the door finish hardware for aluminum entrance doors shall be furnished by the aluminum door supplier, including typically:
 - 1. Aluminum Door Hinges or Pivots
 - 2. Aluminum Door Pulls and Push Bars.
 - 3. Aluminum Door flush bolts at pairs of doors
 - 4. Aluminum Door Closers and closer accessories (surface and overhead concealed)

1.03 RELATED WORK:

- A. Section 08100- Metal Doors & Frames; interior and exterior metal doors & frames shall be purchased from the same Inventory Agreement supplier as the Door Finish Hardware specified in this Section. Exterior Metal Doors and Frames may also be purchased from this Inventory Agreement supplier.
- B. Section 08410- Aluminum Entrance Doors & Storefront; some door finish hardware may be furnished by the aluminum door manufacturer.

1.04 SUBMITTALS:

- A. Finish Hardware Schedule/ List: Submit finish hardware schedule/ list.
- B. Finish Hardware Product Data: Submit product data for all finish hardware items, with the specified finish hardware clearly identified

PART 2 PRODUCTS

- 2.01 DOOR FINISH HARDWARE (INVENTORY AGREEMENT): The Contractor shall purchase Door Finish Hardware from the PETCO Vendor via an Inventory Agreement, and shall install Door Finish Hardware. The Contractor shall coordinate purchase and delivery of Door Finish Hardware with:

GIRTMAN & ASSOCIATES INC. / GIRTMAN TOTAL OPENINGS, LLC.
Contact: Donna Howard e-mail: dhoward@girtman.com
7115 Cockrill Bend Blvd., Nashville TN 37209
Tel. 615-350-6000 FAX 615-350-6686

No product substitutions or alternative suppliers are permitted.

2.02 DOOR FINISH HARDWARE NOTES:

- A. Except as may be specified otherwise, finishes shall be as follows:

Typical Finish Hardware Item	US, BHMA, other	Finish Description
Hinges (interior), Cylinder, Thumbturn, Deadlock, Interchangeable Store Core, Leverset, Door Push Plates, Door Pulls	626, US26D	Satin Chromium Plated
Hinges (exterior), Kickplate, Armor Plate	32D	Satin Stainless Steel
Silencer	other	Gray rubber
Threshold, Weatherstripping	other	Mill Finish Aluminum

B. Accessibility Compliance: Leversets and door thresholds shall be provided to meet Americans with Disabilities Act standards

2.03 DOOR HARDWARE, ACCEPTABLE MANUFACTURERS:

A. Acceptable Manufacturers (with Key Abbreviations Used in Finish Hardware Schedule):

1. AR Adams Rite Manufacturing Co , City of Industry CA (310-699-0511).
2. BE Best Lock Corporation, Indianapolis IN (317-849-2250).
3. HA Hager Hinge Co , St. Louis MO (800-325-9995).
4. IV HB Ives, New Haven CT.
5. GS Girtman & Associates' Supplier.
6. LC LCN Closers, Princeton IL (800-526-2400)
7. NO Norton Door Control, Charlotte NC (704-283-2101).
8. PE Pemko, Ventura CA (805-642-2600).
9. RD Rudolph Desco Company Inc , Englewood Cliffs NJ (www.desco-group.com).
10. RX Rixson Specialty Door Controls, Monroe NC (800-457-5670; www.rixson.com)
11. SC Schlage Lock Company, San Francisco CA (800-847-1864)
12. TR Trimco/BBW, Los Angeles CA (323-362-4191; www.trimcobbw.com).
13. VD Von Duprin (www.vonduprin.com).
14. ZE Zero International Inc , Bronx NY (800-635-5335).

2.04 FINISH HARDWARE SCHEDULE: Refer to Drawing Sheet A3.1 "Door Schedule" for Hardware Set Numbers

A HARDWARE SET NO. 1: AL Automatic Sliding Entrance Door (Vestibule to exterior)

Furn. By	Quan.	Mfr.	Model No.	Description
Contractor*	1	AR	MS+4002	*Armored Strike
Contractor*	1	AR	MS+1890	*Hookbolt Latch/ Lock
Contractor*	1	AR	4036	*Temporary Cylinder
Contractor*	1	AR	4066	*Mortise Turn Knob Cylinder (at Vestibule side)
Contractor*	1	See Section 08410		*Saddle Threshold 1/2" max height (1:2 maximum slope)
Girtman	1	SC	80-133	Mortise Cylinder with Interchangeable Construction Core (at exterior side)
Girtman	1	SC	80-037	Interchangeable Store Core
Contractor*	1	TR	7741BC	*Adhesive Sign (1" black letters on contrasting background) "This Door To Remain Unlocked When The Building is Occupied"

Notes for this Hardware Set:

1. *Indicates door finish hardware that is NOT included in the Petco Inventory Agreement Vendor (Girtman's) scope This door finish hardware shall be furnished

2. by the aluminum door supplier or other Contractor-designated supplier.
2. See Paragraph 3.02 regarding Store Cores and Interchangeable Cores
3. Adhesive Sign shall be mounted to the header above the automatic sliding entrance door unit, or as may be otherwise directed by the jurisdiction.

B. HARDWARE SET NO. 2: AL Automatic Sliding Entrance Door (Retail to Vestibule)

Furn. By	Quan.	Mfr.	Model No.	Description
Contractor*	1	AR	MS1850S	*Deadlock
Contractor*	1	AR	4036	*Temporary Cylinder
Contractor*	1	AR	4066	*Mortise Turn Knob Cylinder (at interior side)
Contractor*	1	See Section 08410		*Saddle Threshold 1/2" max height (1:2 maximum slope)
Girtman	1	SC	80-133	Mortise Cylinder w/ Interchangeable Construction Core (at Vestibule side)
Girtman	1	SC	80-037	Interchangeable Store Core
Contractor*	1	TR	7741BC	*Adhesive Sign (1" black letters on contrasting background) "This Door To Remain Unlocked When The Building is Occupied"

Notes for this Hardware Set:

1. *Indicates door finish hardware that is NOT included in the Petco Inventory Agreement Vendor (Girtman's) scope This door finish hardware shall be furnished by the aluminum door supplier or other Contractor-designated supplier.
2. See Paragraph 3.02 regarding Store Cores and Interchangeable Cores.
3. Adhesive Sign shall be mounted to the header above the automatic sliding entrance door unit, or as may be otherwise directed by the jurisdiction.

C. HARDWARE SET NO. 3: AL Entrance Door (Retail to Grooming Reception)
And HARDWARE SET NO. 3 1: Grooming Reception to Salon, and Grooming Reception to Cage Room)

Furn. By	Quan.	Mfr.	Model No.	Description
Contractor*	2	See Section 08410		*Offset Pivot Hinges
Contractor*	2	See Section 08410		*Push/ Pull bars
Contractor*	1	MS	1850S	*Deadlock
Contractor*	1	LC	1460-DEL	*Parallel Arm Closer w/ adjustable delayed action and cover (at push side)
Contractor*	1	LC	1460-18PA	*Closer Drop Plate
Contractor*	1	LC	1460-148	*Closer Soffit Plate
Contractor*	1	HA	520-SN	*Aluminum Saddle Threshold 1/2" x 5" w/ w/ neoprene gasket
Girtman	1	SC	80-133	Mortise Cylinder w/ Interchangeable Construction Core (at push side, for Hardware Set 3 ONLY)
Girtman	1	SC	80-037	Interchangeable Store Core (at Hardware Set 3 ONLY)
Girtman	1	SC	7181TK1 x 1-1/8"	Thumbturn (at pull side) (at Hardware Set 3 ONLY)
Contractor*	1	TR	7741BC	*Adhesive Sign (1" black letters on contrasting background) "This Door To Remain Unlocked When The Building is Occupied" on Grooming Reception side

				(at Hardware Set 3 ONLY)
Girtman	1 set	HA	736S	Silicone Weatherstripping (head and jambs)

Notes for this Hardware Set:

1. *Indicates door finish hardware that is NOT included in the Petco Inventory Agreement Vendor (Girtman's) scope. This door finish hardware shall be furnished by the aluminum door supplier or other Contractor-designated supplier.
2. This door is designed to function as a Means of Egress.
3. See Paragraph 3.02 regarding Store Cores and Interchangeable Cores.
4. Adhesive Sign shall be mounted to the header above the door, or as may be otherwise directed by the jurisdiction.

D. HARDWARE SET NO. 4 AL Entrance Door (interior, double acting, door between Grooming Salon and Cage Room)

Furn. By	Quan.	Mfr.	Model No.	Description
Contractor*	1	LC	6030	*Concealed Overhead Closer
Contractor*	1	See Section 08410		*Bottom Pivot
Contractor*	2	See Section 08410		*Push bars (one at each side of door)
Contractor*	1	HA	403S-A	*Saddle Threshold 1/4" x 4"
Contractor*	2	-	Mfr. Std.	*Dummy Cylinder (provided at the Contractor's option IF the door is pre-drilled for a cylinder)

Note for this Hardware Set:

1. *Indicates door finish hardware that is NOT included in the Petco Inventory Agreement Vendor (Girtman's) scope. This door finish hardware shall be furnished by the aluminum door supplier or other Contractor-designated supplier.

E. HARDWARE SET NO. 5: Manual Sliding AL Entrance Door (interior, door between Retail and Cat Visit Room)

All Door Hardware shall be provided by the manual sliding door unit manufacturer.

F. HARDWARE SET NO. 6: HM Interior Door (Office)

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	3	GS	ECBB1100	Full Mortise Hinge 4.5" x 4.5"
Girtman	1	SC	AL80HD SAT	Storeroom Lever Lock (F86) w/ Interchangeable Construction Core
Girtman	1	SC	80-037	Interchangeable Store Core
Girtman	1	LC	4031	Closer w/ adjustable delayed action and cover (at "Room" side)
Girtman	1	HA	194S	Kickplate 10" x 34" (at non-swing door side)
Girtman	1	HA	403S-A	Saddle Threshold 1/4" x 4"
Girtman	1	RD	DS-6	Security Door Viewer
Girtman	1	HA	267S	Door Stop (floor mounted)
Girtman	3	HA	307D	Silencers

Note for this Hardware Set:

1. See Paragraph 3.02 regarding Store Cores and Interchangeable Cores.

G. HARDWARE SET NO. 7: HM Interior Door (Hallway to Break Room)
And HARDWARE SET NO. 7.1: HM Interior Door (Hallway to Work Room)

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	3	GS	ECBB1100	Full Mortise Hinge 4.5" x 4.5"
Girtman	1	SC	KC5196	Programmable Access Control Lockset with cylinder (for HARDWARE SET No. 7 only)
Girtman	1	SC	AL70HD SAT	Classroom Lever Lock (F84) w/ Interchangeable Construction Core (for HARDWARE SET NO. 7.1 only)
Girtman	1	SC	80-037	Interchangeable Store Core
Girtman	1	LC	4031 LD/PA	Closer w/ adjustable delayed action and cover (at "Room" side)
Girtman	1	HA	194S 10" x 34"	Kickplate (at non-swing door side)
Girtman	1	HA	403S-A	Saddle Threshold 1/4" x 4"
Girtman	1	HA	268F	Cast Floor Stop and Holder
Girtman	3	HA	307D	Silencers

Note for this Hardware Set:

1. See Paragraph 3 02 regarding Store Cores and Interchangeable Cores

H HARDWARE SET NO. 8 HM Exterior, Means of Egress Door (located at Hallway from Retail to exterior)

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	3	GS	ECBB1101 BB1199 if >42"x80"	Full Mortise Hinge 4 5"x4 5", Stainless Steel w/ Non-Removable Pin
Girtman	1	VD	22EO	Rim Exit Device
Girtman	1	LC	4041 CUSH	Closer w/ cover (at interior side)
Girtman	1	HA	520SN	Aluminum Saddle Threshold w/ neoprene gasket
Girtman	1 set	HA	862S	Weatherstripping
Girtman	1	HA	810SA	Door Frame Top Rain Cap
Girtman	1	HA	770SAV	Door Sill Rain Cap
Girtman	1	RD	DS-6	Security Door Viewer
Girtman	1	-	-	* 1" Red Letters on White Background, Vinyl Adhesive Sign, text "EMERGENCY EXIT ONLY—ALARM WILL SOUND"

Notes for this Hardware Set:

1. Vinyl Adhesive Sign to be mounted on center of door, at a height of 60" AFF to center of sign.
2. This Door's Security Door Viewer to be mounted at a height of 42" AFF to center.

I HARDWARE SET NO. 9: HM Interior Door (located at Mens and Womens Restrooms)

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	3	GS	ECBB1100	Full Mortise Hinge 4.5" x 4.5"
Girtman	1	SC	AL40S-SAT-626	Privacy Lever Lock (F76)
Girtman	1	LC	4031	Closer w/ cover (at Restroom side)
Girtman	1	HA	194S	Kickplate 10" x 34" (at Hallway side)
Girtman	1	HA	403S-A	Saddle Threshold 1/4" x 4"
Girtman	1	HA	268F	Cast Floor Stop and Holder
Girtman	3	HA	307D	Silencers

J. HARDWARE SET NO. 10: HM Interior Door (Wellness Room to Work Room)

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	3	GS	ECBB1100	Full Mortise Hinge 4.5" x 4.5"
Girtman	1	SC	AL80HD SAT	Storeroom Lever Lock (F86) w/ Interchangeable Construction Core
Girtman	1	SC	80-037	Interchangeable Store Core
Girtman	1	LC	4031	Closer w/ adjustable delayed action and cover (at "Room" side)
Girtman	1	HA	403S-A	Saddle Threshold 1/4" x 4"
Girtman	1	GJ	454H	Surface Overhead Door Holder/ Stop
Girtman	3	HA	307D	Silencers

Note for this Hardware Set:

1. See Paragraph 3.02 regarding Store Cores and Interchangeable Cores.

K. HARDWARE SET NO. 11: HM Interior Door (interior, located at Janitor Closet)

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	3	GS	ECBB1100	Full Mortise Hinge 4.5" x 4.5"
Girtman	1	SC	AL70HD SAT	Classroom Lever Lock (F84) w/ Interchangeable Construction Core
Girtman	1	SC	80-037	Interchangeable Store Core
Girtman	1	LC	4031	Closer w/ adjustable delayed action and cover (at "Room" side)
Girtman	1	HA	403S-A	Saddle Threshold 1/4" x 4"
Girtman	3	HA	307D	Silencers

Note for this Hardware Set:

1. See Paragraph 3.02 regarding Store Cores and Interchangeable Cores.

L. HARDWARE SET NO. 12: Double Acting Doors (interior, located from Retail to Pre-Sales):

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	1	HA	676S	Aluminum Plate 1/8" x 3" x 72" (1/8" single edge bevel, no flutes)

J. HARDWARE SET NO. 13: HM Exterior Door (located at Pre-Sales)

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	3	GS	ECBB1101 BB1199 if >42"x80"	Full Mortise Hinge 4.5"x4.5", Stainless Steel w/ Non-Removable Pin
Girtman	1	VD	22EO	Rim Exit Device
Girtman	1	LC	4041 CUSH	Closer w/ cover (at Pre-Sales side)
Girtman	1	HA	194S	Armorplate 30" x 34" (at Pre-Sales side)
Girtman	1	HA	520SN	Aluminum Saddle Threshold 1/2"x5" w/ neoprene gasket
Girtman	1 set	HA	862S	Weatherstripping, mill finish (2 x 84"; 1 x 36")
Girtman	1	HA	810SA	Door Frame Top Rain Cap
Girtman	1	HA	770SAV	Door Sill Rain Cap
Girtman	1	RD	DS-6	Security Door Viewer

Note for this Hardware Set:

1. This Door's Security Door Viewer to be mounted at a height of 60" AFF to center.

K. HARDWARE SET NO. 14: Exterior Rolling Door and Roof Hatch (located at Pre-Sales):

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	1	SC	KS41F1200	Padlock w/ interchangeable construction core
Girtman	1	SC	80-037	Interchangeable Store Core

Note for this Hardware Set:

1. See Paragraph 3.02 regarding Store Cores and Interchangeable Cores.

L. BIRD HABITAT DOOR HARDWARE: (if applicable)

Furn. By	Quan.	Mfr.	Model No.	Description
Girtman	1	SC	80-037	Interchangeable Store Core

Note for Bird Habitat Door Hardware:

1. A Leverset with Interchangeable Construction Core is furnished with the Bird Habitat Kit, and shall be installed by the Contractor in conjunction with the balance of the Bird Habitat Kit assembly.

M. TRASH ENCLOSURE GATE HARDWARE:

Furn. By	Quan.	Mfr.	Model No.	Description
Contractor*	4	HA	1850	*Full surface plain bearing heavyweight Welding Hinge
Contractor*	2	HA	1408	*Cane Bolt 18" L x 1/2"

PART 3 EXECUTION

3.01 RENOVATION WORK:

- A. Where existing interior or exterior doors are scheduled for re-use, the Contractor may refurbish existing door finish hardware to provide the same function, features and applicable building code compliance as if the door finish hardware is provided new, except as may be specifically noted in the Finish Hardware Schedule, or as otherwise directed by the PETCO Project Manager.
- B. All existing doors scheduled for reuse shall be fitted with new Latchsets, Leversets or Mortise Cylinders with new Interchangeable Cores, and all retrofit installations shall be consistent with the PETCO door finish hardware and keying criteria established in this Section.

3.02 GENERAL:

- A. Door Closers: Adjust aluminum and hollow metal Door Closer operation, so that from a 90 degree open position, the time required to move the door to an open position of 12 degrees (via the door's closing action) is 5 seconds minimum. (*ANSI A117.1 standard*)
- B. Store Cores: Where an Interchangeable Store Core is specified, the Contractor shall provide the interchangeable construction core. Upon completion of construction, the Contractor shall leave the interchangeable construction core in place. The Interchangeable Store Cores shall

be purchased by the Contractor from the PETCO Vendor, along with the balance of the finish hardware specified in this Section, but the Interchangeable Store Cores will be furnished by the PETCO Vendor directly to PETCO. The interchangeable Store Cores will be installed by PETCO to replace the interchangeable construction cores. PETCO might, but is not obligated to, return the interchangeable construction cores to the Contractor.

- C. Door Rain Hood: Install with galvanized or stainless steel masonry expansion anchors; provide sealant as a closure between edge of door rain hood and exterior building masonry

END OF SECTION

