

1 General

1.1 RELATED WORK

- .1 Read and be governed by conditions of the contract and sections of Division 1
- .2 Section 08 11 00 – Metal Doors & Frames

1.2 REFERENCE STANDARDS

- .1 Standard hardware location dimensions in accordance with Canadian Metric Guide for Steel Doors and Frames (Modular Construction) prepared by Canadian Steel Door and Frame Manufacturers' Association.
- .2 CAN/CGSB-69.18-M90/ANSI/BHMA A156.1-2000, Butts and Hinges.
- .3 ANSI/BHMA A156.2-2003, Bored and Pre-assembled Locks and Latches.
- .4 CAN/CGSB-69.22-M90/ANSI/BHMA A156.6-2005, Architectural Door Trim.
- .5 CAN/CGSB-69.32-M90/ANSI/BHMA A156.16-2002, Auxiliary Hardware.
- .6 CAN/CGSB-69.34-93/ANSI/BHMA A156.18-2006, Materials and Finishes.
- .7 ANSI/BHMA A156.19-2002, Power Assist and Low Energy Power-Operated Doors

1.3 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Product Data:
 - .1 Submit manufacturers instructions, printed product literature and data sheets for door hardware and include product characteristics, performance criteria, physical size, finish and limitations.
- .2 Hardware List:
 - .1 Submit contract hardware list.
 - .2 Indicate specified hardware, including make, model, material, function, size, finish and other pertinent information.
- .2 Brief maintenance staff regarding proper care, cleaning, and general maintenance.

1.4 MAINTENANCE MATERIALS

- .1 Supply two sets of wrenches for door closers, locksets.

1.5 DELIVERY AND STORAGE

- .1 Store finishing hardware in locked, clean and dry area.
- .2 Package each item of hardware including fastenings, separately or in like groups of hardware, label each package as to item definition and location.

2 Products

2.1 HARDWARE ITEMS

- .1 Use one manufacturer's products only for all similar items.

2.2 DOOR HARDWARE

- .1 Locks and latches:
 - .1 Bored and pre-assembled mortise locks and latches: to ANSI/BMHA A156.2, grade 1, designed for function and keyed to base building standard.
 - .2 Lever handles: Plain flat face design with return to 12 mm from door face
 - .3 Roses: Plain, max 54 mm diameter round design.
 - .4 Normal strikes: box type, lip projection.
 - .5 Finished to 630
 - .6 Acceptable Manufacture: Sargent and/or approved equal.
- .2 Butts and hinges:
 - .1 Butts and hinges: to CAN/CGSB-69.18/ BHMA A156.1, Grade 2
 - .2 All hinges to be supplied complete with flat button tips.
- .3 Door Closers and Accessories:
 - .1 Door controls (closers): to CAN/CGSB-69.20/ BHMA A156.4, Grade 1
- .4 Architectural door trim: to CAN/CGSB-69.22/BHMA A156.6
 - .1 Door protection plates: kick plate and push plates 1.27 mm thick, Tape, Stainless Steel.
- .5 Auxiliary hardware: to CAN/CGSB-69.32/BHMA A156.16
- .6 Power Assist Operated Doors: to ANSI/BHMA A156.19, Acceptable Product Horton Automatics Series 700 and/or approved equal.
- .7 Sliding Glass Door Hardware: Acceptable manufacture K.N Crowder Mfg. Inc and/or approved equal.

2.3 FASTENINGS

- .1 Supply screws, bolts, expansion shields and other fastening devices required for satisfactory installation and operation of hardware.
- .2 Exposed fastening devices to match finish of hardware.
- .3 Use fasteners compatible with material through which they pass.

2.4 KEYING

- .1 All locksets to be keyed differently and/or keyed alike in groups, master keyed, grand master keyed to existing system as directed. Prepare detailed keying schedule in conjunction with Departmental Representative.

- .2 Provide keys in duplicate for every lock in this Contract.
- .3 Provide three master keys for each MK or GMK group.
- .4 Stamp keying code numbers on keys and cylinders.

3 Execution

3.1 INSTALLATION INSTRUCTIONS

- .1 Furnish metal door and frame manufacturers with complete instructions and templates for preparation of their work to receive hardware.
- .2 Furnish manufacturers' instructions for proper installation of each hardware component.
- .3 Install hardware to standard hardware location dimensions in accordance with Canadian Metric Guide for Steel Doors and Frames (Modular Construction) prepared by Canadian Steel Door and Frame Manufacturers' Association.

3.2 SCHEDULE

- .1 Door D001
 - .1 (3) Hinges A8112 114 x 114 x 3.2mm, NRP, MSP 630
 - .2 (1) Privacy set Sargent Model 8268 Heavy duty mortise privacy lock, lever style 630
 - .3 (2) Kickplate J102 305mm x WTS-self adhesive 630
 - .4 (1) Floor stops L02161 630
 - .5 **(1) Deadbolt 480 Series, Grade 1 with Turn Lever 630**
- .2 Door D002 (sliding glass)
 - .1 (1) track 4800mm length, Crowder C-104 Track
 - .2 (4) hanger Crowder CGH-038C-4HD (4 hangers) continuous x 2400
 - .3 (2) Pull – back to back 30mm dia x 1200mm high-40mm standoff 630
 - .4 (2) door stop Crowder C-100HD
 - .5 (1) guide channel Crowder CGC-914-038 X 2400
 - .6 (3) floor guide Crowder C-913
- .3 Door D003
 - .1 (3) Hinges A8112 114 x 114 x 3.2mm, NRP, MSP 630
 - .2 (1) Lockset Sargent Model 8206 Heavy duty mortise, lever style 630
 - .3 (2) Kickplate J102 305mm x WTS-self adhesive 630
 - .4 (1) Floor stops L02161 630
 - .5 **(1) Deadbolt 480 Series, Grade 1 with Turn Lever 630**

.4	Door D004		
.1	(6) Hinges	A8112 114 x 114 x 3.2mm, NRP, MSP	630
.2	(1) Lockset	Sargent Model 8206 Heavy duty mortise storeroom function	630
.3	(4) Kickplate	J102 305mm x WTS-self adhesive	630
.4	(1) Floor stops	L02161	630
.5	(1) Flush bolts	Dorma HZ 43-F	630
.5	Door D005		
.1	(6) Hinges	A8112 114 x 114 x 3.2mm, NRP, MSP	630
.2	(2) Push	CBH 943 100 x 450mm,	630
.3	(1) Lockset	Sargent Model 8206 Heavy duty mortise (lever on pull side only, blank off other side)	630
.4	(4) Kickplate	J101 x 900mm high self adhesive	630
.5	(2) Wall Stops	Dorma TZ 5012	630
.6	(1) Flush bolts	Dorma HZ 43-F	630
.6	Door D006		
.1	(3) Hinges	A8112 114 x 114 x 3.2mm, NRP, MSP	630
.2	(1) Push	CBH 943 100 x 450mm,	630
.3	(1) Pull	30mm x 1200mm high-40mm standoff	630
.4	(2) Kickplate	J101 x 900mm high self adhesive	630
.5	(1) automatic operator	Horton Automatics series 7000	628
.7	Door D007		
.1	(3) Hinges	A8112 114 x 114 x 3.2mm, NRP, MSP	630
.2	(1) Push	CBH 943 100 x 450mm,	630
.3	(1) Pull	30mm x 1200mm high-40mm standoff	630
.4	(2) Kickplate	J101 x 900mm high self adhesive	630

END OF SECTION