DIVISION 08 APPENDIX – DOOR HARDWARE

**Designer Note:** The following information outlines WMU preferences for door hardware, and is used campus-wide. Straying from what is indicated is not prohibited, but shall be discussed with WMU during the development of the project.

PART 1 – GENERAL

1.1 SUBMITTALS

A. PRODUCT DATA: REQUIRED

B. SHOP DRAWINGS: REQUIRED

1.2 QUALITY ASSURANCE

A. REGULATORY REQUIREMENT: STATE OF MICHIGAN, BARRIER-FREE DESIGN LAW.

PART 2 – PRODUCTS

2.1 MANUFACTURERS/PRODUCTS

**Designer Note:** WMU prefers center mullions on double doors instead of surface-mounted or concealed vertical rods for latching.

A. DOOR HARDWARE: AS SCHEDULED:

1. QUALITY LEVEL: HEAVY DUTY COMMERCIAL TYPE
2. LOCKSETS: CORBIN-RUSSWIN ML2000 SERIES, SCHLAGE L9000 SERIES, WITH LEVERS
3. CYLINDERS: BEST A2 7-PIN CORE, INTERCHANGEABLE
4. HINGES: MARKAR FM3500 CONTINUOUS HINGES
5. CLOSERS, LCN 4040XP, OVERHEAD, EXPOSED
6. EXIT DEVICES: CORBIN RUSSWIN ED5200S, VON DUPRIN XP98/XP99
7. FINISHES: SATIN CHROME, SATIN STAINLESS, BRUSHED ALUMINUM
8. KEYING: MASTER KEYED. INCLUDE CONSTRUCTION KEYING, CONTROL KEYING, COORDINATE WITH PUBLIC SAFETY
9. KICKPLATES: 1/8” ALUMINUM, BOTH SIDES, SIZED FOR DOOR WIDTH, COLOR TO MATCH DOOR
10. HOLDERS: IVES, KICK-DOWN TYPE
11. THRESHOLDS: HAGER
12. PUSH PLATES: H. B. IVES
13. PULL BARS: H. B. IVES
14. BOLTS: GLYNN-JOHNSON
15. BUMPERS AND STOPS: GLYNN-JOHNSON
16. OVERHEAD STOPS: GLYNN JOHNSON
17. AUTOMATIC DROP SEALS: NATIONAL GUARD PRODUCTS
18. SOUND STRIPPING: NATIONAL GUARD PRODUCTS
19. FLUSH PULLS: NATIONAL GUARD PRODUCTS
20. EDGE PULLS: H. B. IVES
B. AUTOMATIC DOOR EQUIPMENT: HORTON AUTOMATIC HANDICAP
DOOR ASSIST 7100 SERIES, PUSH PLATE & BUTTON CONTROL
DEVICE.

**Designer Note:** Design Professional to discuss the specific features required in the electronic key

cabinet with WMU during the design process.

C. ELECTRONIC KEY CABINET: PROVIDE TRAKA ELECTRONIC KEY
Cabinet with proximity reader integrated with WMU
ACCESS CONTROL SYSTEM.

1. PROVIDE A MINIMUM OF 30 KEY SLOTS.
2. INTEGRATE INTO WMU PUBLIC SAFETY’S ACCESS CONTROL SYSTEM.
3. INDEPENDENT ELECTRICAL CIRCUIT AND NETWORK CONNECTION

D. DOOR SECURITY SYSTEMS AND HARDWARE: SEE DIVISION 28 APPENDIX
– CARD ACCESS / VIDEO SURVEILLANCE.

E. OFFICE DOORS: BUTT HINGES, LOCKSET, CLOSER, STOP AND
SILENCERS.

F. TOILET ROOM DOORS: BUTT HINGES, PRIVACY SET, STOP AND
SILENCERS.

G. RATED DOORS (INTERIOR): BUTT HINGES, LOCKSET, CLOSER STOP AND
SMOKE SEALS.

END OF APPENDIX