

SCHEDULE

The following schedule is not all-inclusive nor is not intended for direct duplication, but rather as a guide for hardware identified as Grand Valley Standard. Some items such as electric strikes for card access are to be evaluated on a per project basis and are to be reviewed with the University's project manager. Addition of door bumpers, kick plates and other misc. hardware must be evaluated on a per project basis. Likewise doors into other specialty spaces not necessarily described below will need to be considered on a project basis. See the Hardware Illustrations #001 - #009 following this Schedule for illustrations of the hardware delineated in this schedule.

EXTERIOR PAIR ALUMINUM ENTRANCE DOORS (ELECTRIFIED OPENING)

6	EA	BUTT HINGES	TA2314 4.5 X 4.5 X NRP	32D	MCK
1	EA	MULLION	KR9854 (KEY REMOVABLE) FIRE RATING REQUIRED KR4954 (KEY REMOVABLE) NO FIRE RATING REQUIRED	SP28	VON
1	EA	RIM CYLINDER	1E72-CC (2 at main entry doors for student housing)	626	BES
1	EA	MORTISE CYLINDER	1E74-CC (1 for removable mullion)	626	BES
2	EA	ELECT. EXIT DEVICE	CD-RX-EL-98NL-OP (Non-Dogging)	626	VON
2	EA	OFFSET PULLS	BF156	32D	ROC
1	EA	SURFACE CLOSER	4110-SCUSH x 4110-18CUSH-30-61-TB	689	LCN
1	SET	WEATHERSTRIPPING	BY ALUMINUM DOOR AND FRAME SUPPLIER		B/O
2	EA	DOOR SWEEP	C627A	AL	NGP
1	EA	THRESHOLD	412SS	SS	NGP
1	EA	POWER TRANSFER	EPT 10 (24 GA. WIRES)	SP28	VON
1	EA	AUTO OPERATOR	9540 SENIOR SWING	689	LCN
2	EA	CARD READER	SMR-20 W/ PIN PAD	630	SCE
2	EA	DR. POS. SWITCH	1078	BLK	SCE
2	EA	ACTUATOR	7930-292	630	AE
1	EA	READER	INTERFACE-SRINX		SCE
1	EA	MOUNT PLATE	GWS10-WEATHERSHIELD		SCE
1	EA	POWER SUPPLY	PS873 X 871-2	GRAY	VON

Operational Description: During normal business hours, doors are dogged and operates as push-pull (RHR leaf is electronically dogged, LHR leaf is dogged by cylinder in rail). After hours both doors are locked. RHR leaf is momentarily unlocked by presenting valid credentials to card reader. Card reader also activates auto operator. Rim cylinder in both exit devices allows for key entry. Egress at all times by pressing rail of exit device and exiting.

VESTIBULE PAIR ALUMINUM ENTRANCE DOORS (ELECTRIFIED or NON-ELECTRIFIED OPENING)

6	EA	BUTT HINGES	TA2314 4.5 X 4.5 X NRP	32D	MCK
1	EA	DUMMY EXIT BAR	350	626	VON
2	EA	OFFSET PULLS	BF156	32D	ROC
1	EA	SURFACE CLOSER	4110-SCUSH x 4110-18CUSH-30-61-TB	689	LCN
1	EA	AUTO OPERATOR	9540 SENIOR SWING	689	LCN
1	EA	THRESHOLD	412SS	SS	NGP
1	SET	WEATHERSTRIPPING	BY ALUMINUM DOOR AND FRAME SUPPLIER		B/O
2	EA	ACTUATOR	MS SEDCO		AE
2	EA	ACTUATOR	7930-292	630	AE

Operational Description: Doors operate as push-pull. Pressing actuator will signal auto operator to open door allowing for assisted ingress or egress. The vestibule actuator has independent switches that control both exterior and interior operators.

OFFICES

3	EA	HINGES	FBB 179	626	STA
1	EA	LOCKSET	L9056L X 17A	626	SCH
1	EA	MORTISE CYLINDER	1E74-CC	626	BES
1	EA	OVERHEAD STOP	450S	630	GLY

LAUNDRY ROOM (RESIDENTIAL ONLY)

3	EA	HINGES	FBB 179	626	STA
1	EA	PASSAGE LATCH	L9010 X 17A	626	SCH
1	EA	SURFACE CLOSER	4111 SCNS X TB	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE

UNISEX TOILET ROOM

3	EA	HINGES	FBB 179	626	STA
1	EA	PRIVACY LOCK	ND40S X SPA	626	SCH
1	EA	SURFACE CLOSER	4011 DA X TB	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	WALL STOP	WS33	626	IVE

JANITOR'S AND ELECTRICAL CLOSETS

3	EA	HINGES	FBB 179	626	STA
1	EA	LOCKSET	L9080L X 17A	626	SCH
1	EA	MORTISE CYLINDER	1E74-CC	626	BES
1	EA	SURFACE CLOSER	4011 X TB	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	WALL BUMPER	WS407CCV	630	IVE

MECHANICAL ROOMS

3	EA	HINGES	FBB 179	626	STA
1	EA	LOCKSET	L9080L X 17A	626	SCH
1	EA	MORTISE CYLINDER	1E74-CC	626	BES
1	EA	SURFACE CLOSER	4011 X TB	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	WALL BUMPER	WS407CCV	630	IVE

MEETING ROOMS

3	EA	HINGES	FBB 179	626	STA
1	EA	LOCKSET	L9070L X 17A	626	SCH
1	EA	MORTISE CYLINDER	1E74-CC	626	BES
1	EA	WALL BUMPER	WS407CCV	630	IVE

STORAGE ROOM; DOUBLE DOORS.

6	EA	HINGES	FBB 179	626	STA
1	EA	MANUAL FLUSH BOLT	FB358	626	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	LOCKSET	L9080L X 17A	626	SCH
1	EA	MORTISE CYLINDER	1E74-CC	626	BES
2	EA	SURFACE CLOSER	4111 SCNS X TB	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW	630	IVE

EXTERIOR STAIR DOORS (NON-ELECTRIFIED)

3	EA	HINGES	FBB168 X NRP	630	STA
1	EA	PANIC DEVICE	98L-FX994L-17 (SET FOR STOREROOM FUNCTION)	626	VON
1	EA	RIM CYLINDER	1E72-CC	626	BES
1	EA	SURFACE CLOSER	4110-SCUSH x 4110-18CUSH-30-61-TB	689	LCN
1	EA	KICK PLATE	8400 10" X 1" LDW	630	IVE
1	EA	WEATHERSTRIP	700NA	628	NGP
1	EA	DOOR SWEEP	C627A	628	NGP
1	EA	THRESHOLD	421 SS	SS	NGP

FURNISH & INSTALL DOOR PROP ALARM

INTERIOR STAIR DOORS

3	EA	HINGES	FBB168	630	STA
1	EA	PANIC DEVICE	99L-F X 994L-17	26D	VON
1	EA	RIM CYLINDER	1E72-CC	626	BES
1	EA	SURFACE CLOSER	4111 SCNS X TB	689	LCN
1	EA	KICK PLATE	8400 10" X 1" LDW	630	IVE

EXTERIOR STAIR DOORS (ELECTRIFIED)

3	EA	HINGES	FBB168	630	STA
1	EA	EXIT DEVICE	CD-RX-EL-98NL-OP	626	VON
1	EA	RIM CYLINDER	1E72-CC	626	BES
1	EA	SURFACE CLOSER	4110-SCUSH x 4110-18CUSH-30-61-TB	689	LCN
1	EA	THRESHOLD	412SS	SS	NGP
1	EA	WEATHERSEAL	5050C-6072	CHA	NGP
1	EA	SWEEP	C627A	AL	NGP
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	POWER TRANSFER	EPT10 WITH 24 GA. WIRES	SP28	VON
1	EA	CARD READER	SMR-20 WITH PIN PAD	630	SCE
1	EA	DR POS. SWITCH	1078	BLK	SCE
1	EA	READER	INTERFACE-SRINX		SCE
1	EA	MOUNTING PLATE	GWS10 WEATHER SHIELD	626	SCE
1	EA	POWER SUPPLY	PS873X871-2	GRY	VON

GREAT ROOMS (RESIDENTIAL ONLY)

3	EA	HINGES	FBB 179	626	STA
1	EA	LOCKSET	L9070L X 17A	626	SCH
1	EA	MORTISE CYLINDER	1E74-CC	626	BES
1	EA	SURFACE CLOSER	4111 SCNS X TB	689	LCN

DOUBLE DOOR STORAGE / MECHANICAL

6	EA	HINGES	FBB 179	626	STA
1	EA	MANUAL FLUSH BOLT	FB358	626	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	LOCKSET	L9080L X 17A	626	SCH
1	EA	MORTISE CYLINDER	1E74-CC	626	BES
1	EA	SURFACE CLOSER	4011 X TB	689	LCN
2	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	ASTRAGAL	BY DOOR SUPPLIER IF NECESSARY		B/O

STUDENT APARTMENT - ENTRY WITH CARD ACCESS (RESIDENTIAL ONLY)

3	EA HINGES	FBB 179	626	STA
1	EA CORRIDOR LOCK	CL5594-MGK x 17 x LC x 626 x ATK	626	SCE
1	EA SURFACE CLOSER	4111 SCNS X TB	689	LCN
1	EA KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA DOOR VIEWER	NO.696 (MOUNT @ 60" AFF)	626	IVE

STUDENT ROOM- BATHROOM DOORS / B.F. BATHROOM DOORS (RESIDENTIAL ONLY)

3	EA HINGES	FBB 179	626	STA
1	EA PRIVACY LOCK	D40S X SPA	626	SCH
1	EA OVERHEAD STOP	450S	630	GLY

STUDENT APARTMENT-PANTRY (RESIDENTIAL ONLY)

3	EA HINGES	FBB 179	626	STA
1	EA PASSAGE SET	D10S X SPA	626	SCH

STUDENT APARTMENT- BEDROOM (RESIDENTIAL ONLY)

3	EA HINGES	FBB 179	626	STA
1	EA PRIVACY LOCK	D40S X SPA	626	SCH
1	EA WALL BUMPER	WS407CCV	630	IVE

B.F. STUDENT APARTMENT - ENTRY WITH CARD ACCESS (RESIDENTIAL ONLY)

3	EA HINGES	FBB 179	626	STA
1	EA CORRIDOR LOCK	CL5594-MGK x 17 x LC x 626 x ATK	626	SCE
1	EA SURFACE CLOSER	4111 SCNS X DA X TB	689	LCN
1	EA KICK PLATE	8400 10" X 1" LDW	630	IVE
2	EA DOOR VIEWER	NO.696 (MOUNT @ 42" & 60" AFF)	626	IVE

STUDENT APARTMENT - CLOSET (RESIDENTIAL ONLY)

6	EA HINGES	FBB 179	626	STA
2	EA DUMMY TRIM	ND170 X SPA	626	SCH
2	EA ROLLER LATCH	RL30	626	IVE

AE - AUTOMATIC EQUIPMENT

MCK - MCKINNEY

IVE - IR SECURITY TECHNOLOGIES (IVES)

SCH - IR SECURITY TECHNOLOGIES (SCHLAGE)

SCE - IR SECURITY TECHNOLOGIES (SCHLAGE ELECTRONICS)

STA - STANLEY

BES - STANLEY (BEST)

LCN - IR SECURITY TECHNOLOGIES (OLD NORTON-LASIER COMPANY)

GLY - IR SECURITY TECHNOLOGIES (GLYNN-JOHNSON)

VON - IR SECURITY TECHNOLOGIES (VON DUPRIN)

NGP - NATIONAL GUARD PRODUCTS

ROC - ROCKWOOD

END OF SECTION