



Spec Section
087100.03

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Schedule of Hardware

By : Darryl Stith

Project: WEBSTER ISB
8274 Big Bend
Webster Groves, MO 63119-

Architect: Cannon Design
1100 Clark Avenue
St. Louis, MO 63102-

Contractor: Paric Corporation
77 Westport Plaza Dr
St. Louis, MO 63146-
(636) 561-9500 (636) 561-9501

9/7/2016

PROJECT NOTES:

- 1) HARDWARE IS SUPPLIED WITH FINISH AS NOTED UNDER FINISH COLUMNS. IF CUSTOM POWDER COAT FINISH IS WANTED A SAMPLE WILL NEED TO BE PROVIDED TO HARDWARE MANUFACTURER.
- 2) KEYED CORES ONLY SUPPLIED AT ALUMINUM DOORS. CONTRACTOR TO COORDINATE CORES REQUIRED WITH ALUMINUM DOOR SUPPLIER.
- 3) VON DUPRIN 9447 DEVICE NOT AVAILABLE FOR WOOD DOORS C170.

We have changed door C170 to Hollow Metal to allow use of this exit device.

REVIEWED:

The review of shop drawings, product data, or samples is for general conformance only and shall not relieve the subcontractor/supplier for any deviation from the requirements of the contract documents nor the responsibility for errors or omissions including sizes, dimensions, quantities or locations.

Reviewed Date: 09/21/2016
Chris Mueller
Allegion

General Notes:

- 1) Provide items to receive custom powder coating as specified for all applicable sets. The color should match the storefront.
- 2) Provide 5" hinge for doors greater than 36" for all applicable sets.
- 3) Provide CON-192 wire harness as specified for all applicable sets.
- 4) See comments per set.

Manufacturer's List

Mfr.	Hardware Used
SC	Cylinder, Housing, Mortise Lock, Cylindrical Lock, Electrified Multi-Point Lock
GJ	Overhead Stop
VD	Wire Harness, Extension Rod Kit, Electric Power Transfer, Fire Rated Mortise Exit, Mortise Exit Device, Fire Rated Conc Vert Rod, Touch Bar, Power Supply
SH	Position Switch
LC	Surface Closer, Electromagnetic Holder, Concealed Closer
AT	Pocket Door Lock
IV	Push Plate, Continuous Hinge, Pivot, Dust Proof Strike, Hinge, Wall Stop, Flush Bolt, Coat Hook, Coordinator, Mounting Bracket, Silencer, Pull Plate, Kick Plate
ZE	Anchor, Door Bottom, Gasketing, Threshold, Sweep, Rain Drip, Ramp, Astragal
OT	Brio SR108-57GN-1ss-106RB/94-94P/94PA-180DS, 690 Edge Pull
DK	Coat hook

DOOR INDEX

Project ID: JOB001775

WEBSTER ISB

<u>Door Number</u>	<u>Arch Mark</u>	<u>Item Number</u>	<u>Heading #</u>	<u>Keying</u>	<u>Hand</u>
X160.3	X160.3	18	4		RHR
X172.2	X172.2	12	2		RHRA/LHR
X178.2	X178.2	13	2		RHRA/LHR
X188	X188	14	2		RHRA/LHR
X192.2	X192.2	15	2		RHRA/LHR
XC130	XC130				
XC153	XC153				
XS176.1	XS176.1	16	3		RHR
XC270A.1	XC270A.1				
XC270A.2	XC270A.2				
X294.2	X294.2	17	4		RHR
XC250	XC250				
XC230	XC230				
S076	S076	1	1		RHR
100A	100A	128	21		
100B	100B	52	8a		LH
101	101	131	22		RH
104	104	132	22		LH
105	105	133	22		LH
106	106	134	22		RH
107	107	135	22		RH
108	108	136	22		LH
109	109	137	22		LH
110A	110A	50	8a		LH
110B	110B	53	8a		RH
110B.2	110B.2	34	6b		LHR
111	111	138	22		RH
112	112	51	8a		LH
113	113	139	22		LH
114	114	96	18		LH
115	115	140	22		RH
116	116	97	18		LH
117	117	141	22		LH
131	131	109	18.1		
133A	133A	86	14a		RHR
133B	133B	72	13.1		LHR
133B.2	133B.2	48	8a		LHR
133B.3	133B.3	49	8a		RHR

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WEBSTER ISB

<u>Door Number</u>	<u>Arch Mark</u>	<u>Item Number</u>	<u>Heading #</u>	<u>Keying</u>	<u>Hand</u>
135.1	135.1	87	14a.1		
135.2	135.2	98	18		RH
137	137	74	13a.1		
137A	137A	27	6a		RHR
140.1	140.1	117	18a.1		
140.2	140.2	116	18a		RHR
144	144	203	22		RH
150	150	126	20b		RHRA/LHR
151	151	46	8.1		RH
154	154	118	19		LH
156.1	156.1	119	19		RH
156.2	156.2	122	19a		RH
160.1	160.1	211	24		RHR/LHR
160.2	160.2	212	25		RHR/LHR
160A	160A	120	19		LHR
160B	160B	208	22A		RH
160D	160D	54	9		LH
172.1	172.1	69	12		RHA/LH
172A	172A	93	17		RH
174	174	110	18.1		
175	175	47	8.1		RH
176	176	38	6b.1		RHR
177	177	61	11		RH
178.1	178.1	70	12a		RHRA/LHR
179	179	62	11		LH
180	180	58	10		RH
182	182	59	10		LH
183A	183A	73	13a		LHR
183B.1	183B.1	90	15		RHA/LH
183B.2	183B.2	91	16		RHRA/LHR
183C	183C	92	17		LH
184	184	25	6		LH
185	185	43	8.1		LH
186	186	40	8		LH
187	187	23	6		RH
192.1	192.1	39	7		RHR
195	195	24	6		LH
196	196	44	8.1		RHR
C153	C153	125	20a		

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WEBSTER ISB

<u>Door Number</u>	<u>Arch Mark</u>	<u>Item Number</u>	<u>Heading #</u>	<u>Keying</u>	<u>Hand</u>
C170	C170	127	20c		RHR/LHR
S140	S140				
S176.2	S176.2	3	1		LHR
S194	S194	19	5		RH
200A	200A	129	21		Pocket
200B	200B	4	1		LH
202	202	217	27		LHR
203	203	121	19		LH
205	205	142	22		RH
206	206	143	22		LH
207	207	144	22		LH
208	208	145	22		RH
209	209	146	22		RH
210A	210A	56	9		LH
210B	210B	7	1A		RH
210B.2	210B.2	35	6b		LHR
211	211	147	22		LH
212	212	148	22		LH
214	214	149	22		RH
215	215	210	23		LH
231	231	76	13b		
233	233	123	19b		
235	235	75	13a.1		
272A	272A	5	1.1		LHR
272B	272B	41	8		LH
274	274	77	13c		LH
275	275	60	10		RH
276.1	276.1	79	14		RHR
276.2	276.2	213	26		LHR
277	277	63	11		RH
279	279	64	11		LH
282.1	282.1	28	6a.1		
282.2	282.2	111	18.2		LH
282.3	282.3	99	18		RHR
283.1	283.1	80	14		
283.2	283.2	214	26		
284.1	284.1	221	31		
284.2	284.2	222	31		
289A.1	289A.1	112	18.2		RHR
289A.2	289A.2	113	18.2		LHR

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WEBSTER ISB

<u>Door Number</u>	<u>Arch Mark</u>	<u>Item Number</u>	<u>Heading #</u>	<u>Keying</u>	<u>Hand</u>
289B.1	289B.1	114	18.2		LHR
289B.2	289B.2	100	18		RHR
291.1	291.1	81	14		
291.2	291.2	215	26		
292.1	292.1	29	6a.1	change to group 14A to include card reader	
292.2	292.2	26	6.1		LHR
C210	C210	218	28		LH
C230A	C230A	219	29		
C250A	C250A	220	30		
C270	C270	124	20		RHRA/LHR
S240	S240				
S294	S294	20	5		RH
S294A	S294A				
300A	300A	130	21		Pocket
300B	300B	8	1A		LH
304	304	150	22		LH
305.1	305.1	151	22		RH
305.2	305.2	207	22		LH
306	306	152	22		RH
310A	310A	9	1A		RH
310A.2	310A.2	36	6b		LHR
310B	310B	55	9		RH
311	311	153	22		RH
312	312	57	9		RH
313	313	154	22		LH
314	314	155	22		LH
315	315	156	22		RH
316	316	157	22		RH
317	317	158	22		LH
318	318	159	22		LH
319	319	160	22		RH
320	320	161	22		RH
321	321	162	22		LH
322	322	163	22		LH
323	323	164	22		RH
325	325	165	22		RH
327	327	166	22		LH
329	329	167	22		RH
331	331	168	22		LH
332.1	332.1	209	23		LH

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WEBSTER ISB

<u>Door Number</u>	<u>Arch Mark</u>	<u>Item Number</u>	<u>Heading #</u>	<u>Keying</u>	<u>Hand</u>
332.2	332.2	88	14a.2		LH
333	333	169	22		RH
335	335	170	22		LH
337	337	171	22		RH
342	342	172	22		LH
344	344	173	22		RH
346	346	174	22		LH
348	348	175	22		RH
352	352	94	18		LH
353	353	89	14a.2		RH
360	360	176	22		RH
362	362	177	22		LH
364	364	178	22		RH
372B	372B	71	13		RHR
372C	372C	42	8		LH
372D	372D	179	22		RH
374A	374A	82	14		RHR
374B	374B	115	18.2		LHR
375	375	45	8.1		RH
376	376	237	33		
377	377	65	11		RH
378.1	378.1	223	31		
378.2	378.2	224	31		
379	379	66	11		LH
383.1	383.1	83	14		
383.2	383.2	225	31		
386.1	386.1	30	6a.1		
386.2	386.2	101	18		LH
386.3	386.3	102	18		RH
388.1	388.1	84	14		
388.2	388.2	226	31		
389.1	389.1	31	6a.1		
389.2	389.2	103	18		RH
389.3	389.3	104	18		LH
391.1	391.1	227	31		
391.2	391.2	228	31		
S340.1	S340.1				
S340.2	S340.2	236	32		RH
S394	S394	21	5		RH
400A	400A	95	18		LH

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WEBSTER ISB

<u>Door Number</u>	<u>Arch Mark</u>	<u>Item Number</u>	<u>Heading #</u>	<u>Keying</u>	<u>Hand</u>
400B	400B	10	1A		LH
401	401	180	22		LH
402	402	181	22		RH
403	403	182	22		RH
404	404	183	22		LH
405	405	184	22		LH
406	406	185	22		RH
407.1	407.1	186	22		RH
407.2	407.2	187	22		LH
410	410	11	1A		RHR
410.2	410.2	37	6b		LHR
411	411	188	22		RH
412	412	189	22		RH
413	413	190	22		RH
414	414	191	22		RH
415	415	192	22		LH
416	416	193	22		LH
417	417	194	22		RH
419	419	195	22		RH
432	432	196	22		RH
433	433	197	22		RH
434	434	198	22		LH
435	435	199	22		LH
437	437	200	22		RH
439	439	201	22		LH
441	441	202	22		RH
452	452	204	22		LH
454	454	205	22		LH
456	456	206	22		RH
472.1	472.1	78	14		RHR
472.2	472.2	229	31		LHR
475	475	6	1.1		RHR
477	477	67	11		RH
478.1	478.1	32	6a.1		LHR
478.2	478.2	105	18		LH
478.3	478.3	106	18		RH
479	479	68	11		LH
480.1	480.1	230	31		
480.2	480.2	231	31		
483.1	483.1	85	14		

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WEBSTER ISB

<u>Door Number</u>	<u>Arch Mark</u>	<u>Item Number</u>	<u>Heading #</u>	<u>Keying</u>	<u>Hand</u>
483.2	483.2	216	26		
488.1	488.1	232	31		
488.2	488.2	233	31		
489.1	489.1	33	6a.1		
489.2	489.2	107	18		RH
489.3	489.3	108	18		LH
491.1	491.1	234	31		
491.2	491.2	235	31		
S440	S440				
S494	S494	22	5		LH
S494A	S494A	2	1		RHR

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 1

closer side

1	SGL	Door:S076	STAIR 3-0 from MECH. ROOM	RHR	45
3' 0" x 7' 0" x 1 3/4" HMD/HMF (45)					
1	SGL	Door:S494A	ROOF ACCESS from STAIR 2-4	RHR	
3' 0" x 7' 2" x 1 3/4" HMD/HMF					
1	SGL	Door:S176.2	MECH. ROOM from STAIR 3-1	LHR	90
3' 0" x 7' 2" x 1 3/4" HMD/HMF (90)					
1	SGL	Door:200B	WORK/COPY to DATA	LH	45
3' 0" x 7' 2" x 1 3/4" WDD/HMF (45)					
12 EA	Hinge	5BB1 4-1/2" x 4-1/2"	652	(HI-1) Ives	
4 EA	Cylindrical Lock	ND80 T D RHO	626	(LO-1) Schlage	
4 EA	Cylinder	20-740	626	(CY-1) Schlage	
4 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers	
3 EA	Kick Plate	8400 B-CS 10" x 34"	US32D	(KP-2) Ives	
4 EA	Wall Stop	WS401CCV	626	(ST-1) Ives	
4 EA	Gasketing	188S-CI 36 96		(GA-7) Zero International Inc	
4 EA	Sweep	339AA 36"		(SW-2) Zero International Inc	

Heading #: 1.1

closer side

CHANGE TO
WDD

1	SGL	Door:272A	CORRIDOR from CHEM. STOCK	LHR	45
3' 6" x 7' 2" x 1 3/4" HMD/HMF (45)					
1	SGL	Door:475	CORRIDOR from LAB WASTE CHEM	RHR	90
3' 6" x 7' 2" x 1 3/4" WDD/HMF (90)					
6 EA	Hinge	5BB1 4-1/2" x 4-1/2"	652	(HI-1) Ives	
2 EA	Cylindrical Lock	ND80 T D RHO	626	(LO-1) Schlage	
2 EA	Cylinder	20-740	626	(CY-1) Schlage	
2 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers	
2 EA	Kick Plate	8400 B-CS 10" x 40"	US32D	(KP-1) Ives	
2 EA	Wall Stop	WS401CCV	626	(ST-1) Ives	
2 EA	Gasketing	188S-CI 48" 96"		(GA-1) Zero International Inc	
2 EA	Sweep	339AA 42"		(SW-1) Zero International Inc	

Heading #: 1A

closer side

1	SGL	Door:210B	CORRIDOR to ELEC.	RH	45
1	SGL	Door:300B	WORK COPY to DATA	LH	45
1	SGL	Door:310A	CORRIDOR to ELEC.	RH	45
1	SGL	Door:400B	WORK COPY to DATA	LH	45
1	SGL	Door:410	COMMONS from ELEC.	RHR	45
3' 0" x 7' 2" x 1 3/4" WDD/HMF (45)					
15 EA	Hinge	5BB1 4-1/2" x 4-1/2"	652	(HI-1) Ives	
5 EA	Cylindrical Lock	ND80 T D RHO	626	(LO-1) Schlage	
5 EA	Cylinder	20-740	626	(CY-1) Schlage	
5 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers	
5 EA	Wall Stop	WS401CCV	626	(ST-1) Ives	
5 EA	Gasketing	188S-CI 36 96		(GA-7) Zero International Inc	
5 EA	Sweep	339AA 36"		(SW-2) Zero International Inc	

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 2

Exterior

1	PR	Door:X172.2	EXTERIOR from EL	RHRA/LHR
1	PR	Door:X178.2	EXTERIOR from MECH. ROOM	RHRA/LHR
1	PR	Door:X188	EXTERIOR from FIRE PUMP	RHRA/LHR
1	PR	Door:X192.2	EXTERIOR from MAIN ELECTRICAL	RHRA/LHR
2-3' 0" x 7' 10" x 1 3/4" HMD/HMF				
8	EA	Continuous Hinge	112HD 95"	black anodized finish 626 (HC-1) Ives
4	Set	Flush Bolt	FB51P-24	630 (BO-1) Ives
4	EA	Dust Proof Strike	DP2	626 (BO-2) Ives
4	EA	Cylindrical Lock	ND80 T D RHO	626 (LO-1) Schlage
4	EA	Cylinder	20-740	626 (CY-1) Schlage
4	EA	Coordinator	COR52 FL20	628 (CO-2) Ives
8	EA	Mounting Bracket	MB1	689 (CO-3) Ives
8	EA	Surface Closer	4040XP MC SRI SCUSH	AL (CL-4) LCN Closers
8	EA	Kick Plate	8400 B-CS 10" x 35"	US32D (KP-4) Ives
4	EA	Threshold	657A 72" V3 -7"	USE 566A AT DOORS X188, X192.2 AND X178.2 (TH-5) Zero International Inc
4	EA	Rain Drip	142A 76"	finish drip,gasketing and exposed fasteners to match door paint (match reynobond "pewter") (GA-5) Zero International Inc
4	EA	Gasketing	25A 72"	(GA-8) Zero International Inc
4	EA	Gasketing	144A 36"	(GA-9) Zero International Inc
4	EA	Gasketing	188S-CI 72" 96"	(GA-17) Zero International Inc
8	EA	Sweep	339AA 36"	(SW-2) Zero International Inc
4	EA	Astragal	328AA 2/96"	(AS-5) Zero International Inc
24	EA	Anchor	226	(OT-4) Zero International Inc

RAIN DRIP AND WEATHERSTRIP ARE FIGURED AS CLEAR ALUMINUM FINISH.

Heading #: 3

Exterior

1	SGL	Door:XS176.1	EXTERIOR from STAIR 3-1	RHR
3' 6" x 7' 10" x 1 3/4" HMD/HMF				
1	EA	Continuous Hinge	112HD 95"	black anodized finish 626 (HC-1) Ives
1	EA	Cylindrical Lock	ND80 T D RHO	626 (LO-1) Schlage
1	EA	Cylinder	20-740	626 (CY-1) Schlage
1	EA	Surface Closer	4040XP MC SRI SCUSH	AL (CL-4) LCN Closers
1	EA	Kick Plate	8400 B-CS 10" x 40"	US32D (KP-1) Ives
1	EA	Threshold	657A 42" V3 -7"	(TH-10) Zero International Inc
1	EA	Gasketing	188S-CI 48" 96"	(GA-1) Zero International Inc
1	EA	Gasketing	25A 42" 0	(GA-3) Zero International Inc
1	EA	Gasketing	144A 42"	(GA-4) Zero International Inc
1	EA	Rain Drip	142A 46"	(GA-13) Zero International Inc
1	EA	Sweep	339AA 42"	(SW-1) Zero International Inc

RAIN DRIP AND WEATHERSTRIP ARE FIGURED AS CLEAR ALUMINUM FINISH.

09-26-2016: REVIEW NOT COMPLETE THIS HEADING
12.03.2016: REVIEW COMPLETE

09-26-2016: REVIEW NOT COMPLETE THIS HEADING
12.03.2016: REVIEW COMPLETE

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 4

Exterior

1 SGL Door: X294.2 EXTERIOR from STAIR 2-2 RHR
3' 0" x 7' 10" x 1 3/4" HMD/HMF

1 SGL Door: X160.3 EXTERIOR from LECTURE HALL 160 RHR
3' 0" x 9' 0" x 1 3/4" HMD/HMF

Door not listed in specification

2 EA	Continuous Hinge	112HD 120"			(HC-2) Ives
2 EA	Mortise Exit Device	LD 9975EO		US26D	(ED-9) Von Duprin
2 EA	Surface Closer	4040XP MC SRI SCUSH		AL	(CL-4) LCN Closers
2 EA	Ramp	233A 36"			(TH-7) Zero International Inc
	threshold	566A 36"			(TH-8) Zero International Inc
2 EA	Ramp	236A 36"			(TH-9) Zero International Inc
2 EA	Gasketing	144A 36"	install on door X294.2 only.		(GA-9) Zero International Inc
2 EA	Gasketing	25A 36"	provide loose for door X160.3	finish drip, gasketing and exposed fasteners to match door paint (match reynobond "pewter")	(GA-14) Zero International Inc
2 EA	Rain Drip	11A 40"			(GA-15) Zero International Inc
2 EA	Gasketing	188S-CI 36" 108"	door X160.3: apply additional 188S-CI 36" to head.		(GA-19) Zero International Inc
2 EA	Door Bottom	3551 36"			(DB-2) Zero International Inc
8 EA	Anchor	226		exposed exterior items to be finished to match door	(OT-4) Zero International Inc

CONT. HINGE, CLOSER AND WEATHERSTRIP ARE FIGURED AS CLEAR ALUMINUM FINISH

Heading #: 5

closer side

1 SGL	Door: S194	CORRIDOR to	STAIR 2-1	RH	90
1 SGL	Door: S294	CORRIDOR to	STAIR 2-2	RH	90
1 SGL	Door: S394	COMMONS to	STAIR 2-3	RH	90
1 SGL	Door: S494	CORRIDOR to	STAIR 2-4	LH	90
3' 0" x 7' 2" x 1 3/4" WDD/HMF (90)					
12 EA	Hinge	5BB1 4-1/2" x 4-1/2"		652	(HI-1) Ives
4 EA	Fire Rated Mortise Exit	9975L-BE-F 06 996L-BE SNB		US26D	(ED-1) Von Duprin
4 EA	Surface Closer	4040XP MC Rw/PA		AL	(CL-5) LCN Closers
4 EA	Wall Stop	WS401CCV		626	(ST-1) Ives
4 EA	Gasketing	188S-CI 36 96			(GA-7) Zero International Inc
4 EA	Sweep	339AA 36"			(SW-2) Zero International Inc

DOOR SWEEP IS FIGURED AS CLEAR ALUMINUM FINISH.

Heading #: 6

closer side

1 SGL	Door: 187	CORRIDOR to	CYLINDER ROOM	RH	
1 SGL	Door: 195	CORRIDOR to	MDF/IT WOORK ROOM	LH	
3' 0" x 7' 2" x 1 3/4" HMD/HMF					
1 SGL	Door: 184	CORRIDOR to	BLDG. STOR	LH	
3' 0" x 7' 2" x 1 3/4" WDD/HMF					
9 EA	Hinge	5BB1 4-1/2" x 4-1/2"		652	(HI-1) Ives
3 EA	Cylindrical Lock	ND80 T D RHO		626	(LO-1) Schlage
3 EA	Cylinder	20-740		626	(CY-1) Schlage
3 EA	Overhead Stop	104S		US32D	(OH-1) Glynn-Johnson
3 EA	Surface Closer	4040XP MC Rw/PA		AL	(CL-5) LCN Closers
3 EA	Kick Plate	8400 B-CS 10" x 34"		US32D	(KP-2) Ives
9 EA	Silencer	SR64-GRY			(SI-1) Ives

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 6.1

1	SGL	Door:292.2	PHYSICS LAB from RESEARCH LAB	PHYS	LHR	
		3' 6" x 7' 2" x 1 3/4" WDD/HMF				
3	EA	Hinge	5BB1 4-1/2" x 4-1/2"	652		(HI-1) Ives
1	EA	Cylindrical Lock	ND80 T D RHO	626		(LO-1) Schlage
1	EA	Cylinder	20-740	626		(CY-1) Schlage
1	EA	Overhead Stop	105S	US32D		(OH-2) Glynn-Johnson
1	EA	Surface Closer	4040XP MC Rw/PA	AL		(CL-5) LCN Closers
1	EA	Kick Plate	8400 B-CS 10" x 40"	US32D		(KP-1) Ives
3	EA	Silencer	SR64-GRY			(SI-1) Ives

Heading #: 6a

1	SGL	Door:137A	MODELS/ASSESSMENT from PREACTION SYSTEM		RHR	
		3' 6" x 7' 2" x 1 3/4" HMD/HMF				
3	EA	Hinge	5BB1 4-1/2" x 4-1/2"	652		(HI-1) Ives
1	EA	Cylindrical Lock	ND80 T D RHO	626		(LO-1) Schlage
1	EA	Cylinder	20-740	626		(CY-1) Schlage
1	EA	Overhead Stop	105S	US32D		(OH-2) Glynn-Johnson
1	EA	Surface Closer	4040XP MC Rw/PA	AL		(CL-5) LCN Closers
3	EA	Silencer	SR64-GRY			(SI-1) Ives

Heading #: 6a.1

AL - Cores only

1	SGL	Door:282.1				
1	SGL	Door:292.1				
1	SGL	Door:386.1				
1	SGL	Door:389.1				
1	SGL	Door:478.1			LHR	
1	SGL	Door:489.1				
		3' 6" x 7' 2" x 1 3/4" ALD/ALF				
6	EA	Cylinder	20-740	626		(CY-1) Schlage

Heading #: 6b

1	SGL	Door:110B.2	ELEC. from CLOSET	LHR	90	
1	SGL	Door:210B.2	ELEC. from CLOSET	LHR	90	
1	SGL	Door:310A.2	ELEC. from CLOSET	LHR	90	
1	SGL	Door:410.2	ELEC. from CLOSET	LHR	90	
		2' 0" x 8' 0" x 1 3/4" HMD/HMF (90)				
12	EA	Hinge	5BB1 4-1/2" x 4-1/2"	652		(HI-1) Ives
4	EA	Cylindrical Lock	ND80 T D RHO	626		(LO-1) Schlage
4	EA	Cylinder	20-740	626		(CY-1) Schlage
4	EA	Overhead Stop	102S	US32D		(OH-3) Glynn-Johnson
4	EA	Surface Closer	4040XP MC Rw/PA	AL		(CL-5) LCN Closers
4	EA	Kick Plate	8400 B-CS 10" x 22"	US32D		(KP-3) Ives
4	EA	Gasketing	188S-CI 36 96			(GA-7) Zero International Inc

Heading #: 6b.1

1	SGL	Door:176	CORRIDOR from ELEV CONTROL		RHR	90
		3' 0" x 7' 2" x 1 3/4" WDD/HMF (90)				
3	EA	Hinge	5BB1 4-1/2" x 4-1/2"	652		(HI-1) Ives
1	EA	Cylindrical Lock	ND80 T D RHO	626		(LO-1) Schlage
1	EA	Cylinder	20-740	626		(CY-1) Schlage
1	EA	Overhead Stop	104S	US32D		(OH-1) Glynn-Johnson
1	EA	Surface Closer	4040XP MC Rw/PA	AL		(CL-5) LCN Closers
1	EA	Kick Plate	8400 B-CS 10" x 34"	US32D		(KP-2) Ives
1	EA	Gasketing	188S-CI 36 96			(GA-7) Zero International Inc

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 7

					closer side		
1	SGL	Door: 192.1	CORRIDOR from	MAIN ELECTRICAL	RHR	45	
		3' 0" x 7' 2" x 1 3/4" HMD/HMF (45)					
3 EA	Hinge	5BB1 4-1/2" x 4-1/2"			652	(HI-1) Ives	
1 EA	Fire Rated Mortise Exit	9975L-NL-F 17 996L-NL			US26D	(ED-2) Von Duprin	
1 EA	Cylinder	20-740			626	(CY-1) Schlage	
1 EA	Housing	26-064			626	(CY-2) Schlage	
1 EA	Surface Closer	4040XP MC SCUSH			AL	(CL-6) LCN Closers	
1 EA	Kick Plate	8400 B-CS 10" x 34"			US32D	(KP-2) Ives	
1 EA	Gasketing	188S-CI 36 96				(GA-7) Zero International Inc	

Heading #: 8

					closer side		
1	SGL	Door: 186	CORRIDOR to	CUST. STOR.	LH		
1	SGL	Door: 272B	CORRIDOR to	LAB. STOR.	LH		
		3' 6" x 7' 2" x 1 3/4" HMD/HMF					CHANGE TO WDD
1	SGL	Door: 372C	COMMONS to	LAB STOR.	LH		
		3' 6" x 7' 2" x 1 3/4" WDD/HMF					
9 EA	Hinge	5BB1 4-1/2" x 4-1/2"			652	(HI-1) Ives	
3 EA	Cylindrical Lock	ND80 T D RHO			626	(LO-1) Schlage	
3 EA	Cylinder	20-740			626	(CY-1) Schlage	
3 EA	Surface Closer	4040XP MC Rw/PA			AL	(CL-5) LCN Closers	
3 EA	Kick Plate	8400 B-CS 10" x 40"			US32D	(KP-1) Ives	
3 EA	Wall Stop	WS401CCV			626	(ST-1) Ives	
9 EA	Silencer	SR64-GRY				(SI-1) Ives	

Heading #: 8.1

1	SGL	Door: 185	CORRIDOR to	SPILL CLOSET	LH		
1	SGL	Door: 196	CORRIDOR from	WATER ENTRY	RHR		
1	SGL	Door: 375	CORRIDOR to	JC	RH		
		3' 0" x 7' 2" x 1 3/4" HMD/HMF					
1	SGL	Door: 151	CORRIDOR to	EAB STORAGE	RH		
1	SGL	Door: 175	CORRIDOR to	JC	RH		
		3' 0" x 7' 2" x 1 3/4" WDD/HMF					
15 EA	Hinge	5BB1 4-1/2" x 4-1/2"			652	(HI-1) Ives	
5 EA	Cylindrical Lock	ND80 T D RHO			626	(LO-1) Schlage	
5 EA	Cylinder	20-740			626	(CY-1) Schlage	
5 EA	Surface Closer	4040XP MC Rw/PA			AL	(CL-5) LCN Closers	
5 EA	Kick Plate	8400 B-CS 10" x 34"			US32D	(KP-2) Ives	
5 EA	Wall Stop	WS401CCV			626	(ST-1) Ives	
15 EA	Silencer	SR64-GRY				(SI-1) Ives	

Heading #: 8a

					closer side		
1	SGL	Door: 133B.2	SIM LAB from	CLOSET	LHR		
1	SGL	Door: 133B.3	SIM LAB from	CLOSET	RHR		
		3' 0" x 7' 2" x 1 3/4" HMD/HMF					
1	SGL	Door: 110A	CORRIDOR to	STORAGE	LH		
1	SGL	Door: 112	CORRIDOR to	STORAGE	LH		
		3' 0" x 7' 2" x 1 3/4" WDD/HMF					
1	SGL	Door: 100B	WORK COPY to	DATA	LH	45	
1	SGL	Door: 110B	CORRIDOR to	ELEC.	RH	45	
		3' 0" x 7' 2" x 1 3/4" WDD/HMF (45)					
18 EA	Hinge	5BB1 4-1/2" x 4-1/2"			652	(HI-1) Ives	
6 EA	Cylindrical Lock	ND80 T D RHO			626	(LO-1) Schlage	
6 EA	Cylinder	20-740			626	(CY-1) Schlage	
6 EA	Surface Closer	4040XP MC Rw/PA			AL	(CL-5) LCN Closers	
6 EA	Wall Stop	WS401CCV			626	(ST-1) Ives	
18 EA	Silencer	SR64-GRY				(SI-1) Ives	

Provide seals for rated openings

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 9

1 SGL Door: 160D	LECTURE HALL 160 to AV EQUIP	LH
3' 0" x 7' 10" x 1 3/4" WDD/HMF		
1 SGL Door: 310B	CORRIDOR to STORAGE	RH
3' 0" x 7' 2" x 1 3/4" HMD/HMF		
1 SGL Door: 210A	CORRIDOR to STORAGE	LH
1 SGL Door: 312	CORRIDOR to STORAGE	RH
3' 0" x 7' 2" x 1 3/4" WDD/HMF		

Provide 4 hinges for Door 160D

13

12 EA Hinge	5BB1 4-1/2" x 4-1/2"	652	(HI-1) Ives
4 EA Cylindrical Lock	ND80 T D RHO	626	(LO-1) Schlage
4 EA Cylinder	20-740	626	(CY-1) Schlage
4 EA Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers
4 EA Wall Stop	WS401CCV	626	(ST-1) Ives
12 EA Silencer	SR64-GRY		(SI-1) Ives

revision 2016.10.07: doors 180 and 182 in this group to be changed to low energy automatic openers - see new hardware group 10.1 at front of submittal

Heading #: 10

1 SGL Door: 180	CORRIDOR to TOILET	RH
1 SGL Door: 182	CORRIDOR to TOILET	LH
1 SGL Door: 275	CORRIDOR to LACT.	RH
3' 0" x 7' 2" x 1 3/4" WDD/HMF		

LCN 4010/4110 DEL MC AS REQ'D

9 EA Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives
3 EA Mortise Lock	L9056 R T L583-363 06A L283-722	626	(LO-2) Schlage
3 EA Cylinder	20-740	626	(CY-1) Schlage
3 EA Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers
3 EA Kick Plate	8400 B-CS 10" x 34"	US32D	(KP-2) Ives
3 EA Wall Stop	WS401CCV	626	(ST-1) Ives
3 EA Gasketing	188S-CI 36 96		(GA-7) Zero International Inc
3 EA Coat Hook	572	626	(OT-1) Ives MOCKETT

Set closer at size 1 for owner requirements

CHANGE TO MATCH HOOK AT HEADING #22

Heading #: 11

1 SGL Door: 177	CORRIDOR to WOMENS	RH
1 SGL Door: 179	CORRIDOR to MENS	LH
1 SGL Door: 277	CORRIDOR to WOMENS	RH
1 SGL Door: 279	CORRIDOR to MENS	LH
1 SGL Door: 377	CORRIDOR to WOMENS	RH
1 SGL Door: 379	CORRIDOR to MENS	LH
1 SGL Door: 477	CORRIDOR to WOMENS	RH
1 SGL Door: 479	CORRIDOR to MENS	LH
3' 0" x 7' 2" x 1 3/4" WDD/HMF		

hold these doors. Webster want to change these to low energy automatic doors.

revision 2016.10.07: doors 277 and 279 in this group to be changed to low energy automatic openers - see new hardware group 11.1 at front of submittal

24 EA Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives
8 EA Push Plate	8200-6x16	630	(PP-1) Ives
8 EA Pull Plate	8303-0-6x16	630	(PP-2) Ives
8 EA Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers
8 EA Wall Stop	WS401CCV	626	(ST-1) Ives
24 EA Silencer	SR64-GRY		(SI-1) Ives

Set closer at size 1 for owner requirements.

LCN 4010/4110 DEL MC AS REQ'D

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 12

		1 PR Door: 172.1	CORRIDOR to closer side LOADING DOCK	RHA/LH
		2-3' 0" x 7' 2" x 1 3/4" HMD/HMF		
6 EA	Hinge	5BB1 4-1/2" x 4-1/2"	652	(HI-1) Ives
1 Set	Flush Bolt	FB51P-24	630	(BO-1) Ives
1 EA	Dust Proof Strike	DP2	626	(BO-2) Ives
1 EA	Cylindrical Lock	ND80 T D RHO	626	(LO-1) Schlage
1 EA	Cylinder	20-740	626	(CY-1) Schlage
1 EA	Coordinator	COR52 FL20	628	(CO-2) Ives
2 EA	Mounting Bracket	MB2	689	(CO-4) Ives
2 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers
2 EA	Kick Plate	8400 B-CS 10" x 35"	US32D	(KP-4) Ives
2 EA	Wall Stop	WS401CCV	626	(ST-1) Ives
2 EA	Sweep	339AA 36"		(SW-2) Zero International Inc
2 EA	Astragal	328AA 2/86"		(AS-3) Zero International Inc

ASTRAGAL AND SWEEP ARE FIGURED AS CLEAR ALUMINUM FINISH.

Heading #: 12a

		1 PR Door: 178.1	CORRIDOR from closer side MECH. ROOM	RHRA/LHR
		2-3' 0" x 7' 2" x 1 3/4" HMD/HMF		
6 EA	Hinge	5BB1 4-1/2" x 4-1/2"	652	(HI-1) Ives
1 Set	Flush Bolt	FB51P-24	630	(BO-1) Ives
1 EA	Dust Proof Strike	DP2	626	(BO-2) Ives
1 EA	Cylindrical Lock	ND80 T D RHO	626	(LO-1) Schlage
1 EA	Cylinder	20-740	626	(CY-1) Schlage
1 EA	Coordinator	COR52 FL20	628	(CO-2) Ives
2 EA	Mounting Bracket	MB1	689	(CO-3) Ives
2 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers
2 EA	Kick Plate	8400 B-CS 10" x 35"	US32D	(KP-4) Ives
2 EA	Wall Stop	WS401CCV	626	(ST-1) Ives
1 EA	Threshold	657A 72" V3 -7"		(TH-5) Zero International Inc
2 EA	Door Bottom	3551 36"		(DB-2) Zero International Inc
2 EA	Sweep	339AA 36"		(SW-2) Zero International Inc
2 EA	Astragal	328AA 2/86"		(AS-3) Zero International Inc

PROVIDE GASKETING THIS DOOR

ASTRAGAL AND SWEEP ARE FIGURED AS CLEAR ALUMINUM FINISH.

Heading #: 13

		1 SGL Door: 372B	COMMONS from closer side LAB WASTE-BIO	RHR
		3' 6" x 7' 2" x 1 3/4" WDD/HMF		
3 EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives
1 EA	Cylindrical Lock	ND80EU T D RHO N123-062 CON	626	(LO-3) Schlage
1 EA	Cylinder	20-740	626	(CY-1) Schlage
1 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers
1 EA	Kick Plate	8400 B-CS 10" x 40"	US32D	(KP-1) Ives
1 EA	Wall Stop	WS401CCV	626	(ST-1) Ives
3 EA	Silencer	SR64-GRY		(SI-1) Ives
1 EA	Electric Power Transfer	EPT10 CON	SP28	(EA-1) Von Duprin
1 EA	Wire Harness	CON-192P		(EA-2) Von Duprin
1 EA	Position Switch	679-05HM		(EA-3) Schlage Electronic Security

CARD READER TO RELEASE ELECTRIC LOCK ALLOWING ENTRY. CON-192 MAY NEED TO BE SPLICED IN FIELD FOR THIS OPENING.

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 13.1

		1 SGL Door: 133B	CORRIDOR from	closer side SIM LAB	LHR
		3' 6" x 7' 2" x 1 3/4" WDD/HMF			
3 EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives	
1 EA	Cylindrical Lock	ND80EU T D RHO N123-062 CON	626	(LO-3) Schlage	
1 EA	Cylinder	20-740	626	(CY-1) Schlage	
1 EA	Surface Closer	4040XP MC Rw/PA LCN 4010/4110 DEL MC AS REQ'D	AL	(CL-5) LCN Closers	
1 EA	Kick Plate	8400 B-CS 10" x 40"	US32D	(KP-1) Ives	
1 EA	Wall Stop	WS401CCV	626	(ST-1) Ives	
3 EA	Silencer	SR64-GRY		(SI-1) Ives	
1 EA	Electric Power Transfer	EPT10 CON	SP28	(EA-1) Von Duprin	
1 EA	Position Switch	679-05HM		(EA-3) Schlage Electronic Security	
1 EA	Wire Harness	CON-44P		(EA-4) Von Duprin	
CARD READER TO RELEASE ELECTRIC LOCK ALLOWING ENTRY.					

Heading #: 13a

		1 SGL Door: 183A	CORRIDOR from	closer side BIO VESTIBULE	LHR
		3' 6" x 7' 2" x 1 3/4" WDD/HMF			
3 EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives	
1 EA	Cylindrical Lock	ND80EU T D RHO N123-062 CON	626	(LO-3) Schlage	
1 EA	Cylinder	20-740	626	(CY-1) Schlage	
1 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers	
1 EA	Wall Stop	WS401CCV	626	(ST-1) Ives	
3 EA	Silencer	SR64-GRY		(SI-1) Ives	
1 EA	Electric Power Transfer	EPT10 CON	SP28	(EA-1) Von Duprin	
1 EA	Wire Harness	CON-192P		(EA-2) Von Duprin	
1 EA	Position Switch	679-05HM		(EA-3) Schlage Electronic Security	
CARD READER TO RELEASE ELECTRIC LOCK ALLOWING ENTRY. CON-192 MAY NEED TO BE SPLICED IN FIELD FOR THIS OPENING.					

Heading #: 13a.1

AL - cores only

		1 SGL Door: 137			
		3' 0" x 7' 2" x 1 3/4" ALD/ALF			
		1 SGL Door: 235			
		3' 6" x 7' 2" x 1 3/4" ALD/ALF			
note: closer: LCN 4010/4110 DEL MC AS REQ'D					
2 EA	Cylinder	20-740	626	(CY-1) Schlage	

Heading #: 13b

AL - cores only

		1 SGL Door: 231			
		3' 0" x 7' 2" x 1 3/4" ALD/ALF			
1 EA	Cylinder	20-740	626	(CY-1) Schlage	
note: closer: LCN 4010/4110 DEL MC AS REQ'D					

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 13c

		1 SGL Door:274	CORRIDOR to	MICROSCOPY ROOM	LH
		3' 6" x 7' 2" x 1 3/4" HMD/HMF			
		WDD CHANGE			
3 EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives	
1 EA	Cylindrical Lock	ND80EU T D RHO N123-062 CON	626	(LO-3) Schlage	
1 EA	Cylinder	20-740	626	(CY-1) Schlage	
1 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers	
1 EA	Wall Stop	WS401CCV	626	(ST-1) Ives	
1 EA	Threshold	566A 48"		(TH-2) Zero International Inc	
1 EA	Gasketing	475AA 42" 86"		(GA-16) Zero International Inc	
1 EA	Door Bottom	3551 48"		(DB-1) Zero International Inc	
1 EA	Electric Power Transfer	EPT10 CON	SP28	(EA-1) Von Duprin	
1 EA	Position Switch	679-05HM		(EA-3) Schlage Electronic Security	
1 EA	Wire Harness	CON-44P		(EA-4) Von Duprin	
4 EA	Anchor	226		(OT-2) Zero International Inc	

CARD READER TO RELEASE ELECTRIC LOCK ALLOWING ENTRY.

Heading #: 14

AL -Cores only

		1 SGL Door:472.1	CORRIDOR from CHEM LAB	RHR
		3' 0" x 7' 2" x 1 3/4" ALD/ALF	GENERAL	
		1 SGL Door:276.1	CORRIDOR from SCIN CLASSROOM	RHR
		1 SGL Door:283.1		
		1 SGL Door:291.1		
		1 SGL Door:374A	CORRIDOR from BIO FAC. RESEARCH	RHR
		1 SGL Door:383.1		
		1 SGL Door:388.1		
		1 SGL Door:483.1		
		3' 6" x 7' 2" x 1 3/4" ALD/ALF		
8 EA	Cylinder	20-740	626	(CY-1) Schlage

note: closer: LCN 4010/4110 DEL MC AS REQ'D

Heading #: 14a

closer side

		1 SGL Door:133A	CORRIDOR from	CONTROL ROOM	RHR
		3' 0" x 7' 2" x 1 3/4" WDD/HMF			
3 EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives	
1 EA	Cylindrical Lock	ND80EU T D RHO N123-062 CON	626	(LO-3) Schlage	
1 EA	Cylinder	20-740	626	(CY-1) Schlage	
1 EA	Overhead Stop	104S	US32D	(OH-1) Glynn-Johnson	
1 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers	
3 EA	Silencer	SR64-GRY		(SI-1) Ives	
1 EA	Electric Power Transfer	EPT10 CON	SP28	(EA-1) Von Duprin	
1 EA	Wire Harness	CON-192P		(EA-2) Von Duprin	
1 EA	Position Switch	679-05HM		(EA-3) Schlage Electronic Security	

CARD READER TO RELEASE ELECTRIC LOCK ALLOWING ENTRY. CON-192 MAY NEED TO BE SPLICED IN FIELD FOR THIS OPENING.

Heading #: 14a.1

AL -cores only

		1 SGL Door:135.1			
		3' 6" x 7' 2" x 1 3/4" ALD/ALF			
1 EA	Cylinder	20-740	626	(CY-1) Schlage	

note: closer: LCN 4010/4110 DEL MC AS REQ'D

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 14a.2

1	SGL	Door: 332.2	CORRIDOR to	OFF. ADJ	LH
1	SGL	Door: 353	CORRIDOR to	QUAN. LAB/ INTERVIEW LAB	RH
3' 0" x 7' 2 1/4" x 1 3/4" WDD/ALF					
6	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives
2	EA	Cylindrical Lock	ND80EU T D RHO N123-062 CON	626	(LO-3) Schlage
2	EA	Cylinder	20-740	626	(CY-1) Schlage
2	EA	Overhead Stop	104S	US32D	(OH-1) Glynn-Johnson
2	EA	Surface Closer	4040XP MC Rw/PA LCN 4010/4110 DEL MC AS REQ'D	AL	(CL-5) LCN Closers
6	EA	Silencer	SR64-GRY		(SI-1) Ives
2	EA	Electric Power Transfer	EPT10 CON	SP28	(EA-1) Von Duprin
2	EA	Position Switch	679-05HM		(EA-3) Schlage Electronic Security
2	EA	Wire Harness	CON-38P		(EA-5) Von Duprin

CARD READER TO RELEASE ELECTRIC LOCK ALLOWING ENTRY.

Heading #: 15

1	PR	Door: 183B.1	CORRIDOR to	CADAVER LAB	RHA/LH
2-3' 0" x 7' 2" x 1 3/4" HMD/HMF					
6	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives
1	EA	Dust Proof Strike	DP2	626	(BO-2) Ives
1	Set	Flush Bolt	FB31P	630	(BO-3) Ives
1	EA	Cylindrical Lock	ND80EU T D RHO N123-062 CON	626	(LO-3) Schlage
1	EA	Cylinder	20-740	626	(CY-1) Schlage
1	EA	Coordinator	COR52 FL20	628	(CO-2) Ives
2	EA	Mounting Bracket	MB2	689	(CO-4) Ives
2	EA	Overhead Stop	104S	US32D	(OH-1) Glynn-Johnson
2	EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers
2	EA	Kick Plate	8400 B-CS 10" x 35"	US32D	(KP-4) Ives
1	EA	Gasketing	188S-CI 72" 96"		(GA-17) Zero International Inc
1	EA	Astragal	328AA 2/86" ADVISE IF MORTISED ASTRAGAL CAN BE USED THIS DOOR		(AS-3) Zero International Inc
2	EA	Electric Power Transfer	EPT10 CON	SP28	(EA-1) Von Duprin
2	EA	Position Switch	679-05HM		(EA-3) Schlage Electronic Security
2	EA	Wire Harness	CON-38P		(EA-5) Von Duprin

CARD READER TO RELEASE ELECTRIC LOCK ALLOWING ENTRY.

Heading #: 16

1	PR	Door: 183B.2	CADAVER LAB WORKROOM	from	RHRA/LHR
2-3' 0" x 7' 2" x 1 3/4" HMD/HMF					
6	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives
1	EA	Dust Proof Strike	DP2	626	(BO-2) Ives
1	Set	Flush Bolt	FB31P	630	(BO-3) Ives
1	EA	Cylindrical Lock	ND70 T D RHO	626	(LO-4) Schlage
1	EA	Cylinder	20-740	626	(CY-1) Schlage
1	EA	Coordinator	COR52 FL20	628	(CO-2) Ives
2	EA	Mounting Bracket	MB1	689	(CO-3) Ives
2	EA	Overhead Stop	104S	US32D	(OH-1) Glynn-Johnson
2	EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers
2	EA	Kick Plate	8400 B-CS 10" x 35"	US32D	(KP-4) Ives
2	EA	Silencer	SR64-GRY		(SI-1) Ives

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 17

	1 SGL	Door:183C	CADAVER LAB to closer side BIO VESTIBULE	LH	
		3' 6" x 7' 2" x 1 3/4" HMD/HMF			
	1 SGL	Door:172A	LOADING DOCK to RECYCLING	RH	45
		3' 6" x 7' 2" x 1 3/4" HMD/HMF (45)			
6 EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives	
2 EA	Cylindrical Lock	ND70 T D RHO	626	(LO-4) Schlage	
2 EA	Cylinder	20-740	626	(CY-1) Schlage	
2 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers	
2 EA	Kick Plate	8400 B-CS 10" x 40"	US32D	(KP-1) Ives	
2 EA	Wall Stop	WS401CCV	626	(ST-1) Ives	

Heading #: 18

	1 SGL	Door:352	CORRIDOR to CONF ROOM	LH	
	1 SGL	Door:400A	CORRIDOR to WORK COPY	LH	
		3' 0" x 7' 2 1/4" x 1 3/4" WDD/ALF			
	1 SGL	Door:114	CORRIDOR to MOCK EXAM	LH	
	1 SGL	Door:116	CORRIDOR to MOCK EXAM	LH	
		3' 0" x 7' 2" x 1 3/4" WDD/ALF			
	1 SGL	Door:135.2	SIM LAB to DRY SKILLS LAB	RH	
	1 SGL	Door:282.3	PHYSICS LAB PREP from PHYSICS LAB	RHR	
	1 SGL	Door:289B.2	MICROBIO/ PLANT RESEARCH LAB from TISSUE CULTURE B	RHR	
	1 SGL	Door:386.2	BIO LAB PREP ROOM B to MOLECULAR BIO LAB	LH	
	1 SGL	Door:386.3	BIO LAB PREP ROOM B to ORGANIS. BIO LAB	RH	
	1 SGL	Door:389.2	BIO LAB PREP ROOM A to ANATOMY/ PHYSIO LAB	RH	
	1 SGL	Door:389.3	BIO LAB PREP ROOM A to CELL BIO/BIOCHEM LAB	LH	
	1 SGL	Door:478.2	CHEM LAB PREP to CHEM LAB ORGANIC	LH	
	1 SGL	Door:478.3	CHEM LAB PREP to CHEM LAB GENERAL	RH	
	1 SGL	Door:489.2	CHEM INSTR LAB to CHEM LAB PHYSICAL	RH	
	1 SGL	Door:489.3	CHEM INSTR LAB to CHEM LAB RESEARCH	LH	
		3' 0" x 7' 2" x 1 3/4" WDD/HMF			
45 EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives	
15 EA	Cylindrical Lock	ND70 T D RHO	626	(LO-4) Schlage	
15 EA	Cylinder	20-740	626	(CY-1) Schlage	
15 EA	Overhead Stop	104S	US32D	(OH-1) Glynn-Johnson	
45 EA	Silencer	SR64-GRY		(SI-1) Ives	

Heading #: 18.1

AL - Cores only

	1 SGL	Door:131			
	1 SGL	Door:174			
		3' 6" x 7' 2" x 1 3/4" ALD/ALF			
2 EA	Cylinder	20-740	626	(CY-1) Schlage	

note: closer: LCN 4010/4110 DEL MC AS REQ'D

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 18.2

1	SGL	Door:282.2	PHYSICS LAB PREP to PHYSICS LAB LH	
1	SGL	Door:289A.1	CELL BIO/PHYS RESEARCH LAB RHR from MICROBIO PREP	
1	SGL	Door:289A.2	MICROBIO/ PLANT RESEARCH LAB LHR from MICROBIO PREP	
1	SGL	Door:289B.1	CELL BIO/PHYS RESEARCH LAB LHR from TISSUE CULTURE B	
1	SGL	Door:374B	BIO FAC. RESEARCH from TISSUE LHR CULTURE A	
3' 6" x 7' 2" x 1 3/4" WDD/HMF				
15	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652 (HI-2) Ives
5	EA	Cylindrical Lock	ND70 T D RHO	626 (LO-4) Schlage
5	EA	Cylinder	20-740	626 (CY-1) Schlage
5	EA	Overhead Stop	105S	US32D (OH-2) Glynn-Johnson
15	EA	Silencer	SR64-GRY	(SI-1) Ives

Heading #: 18a

1	SGL	Door:140.2	CORRIDOR from CONF ROOM	RHR
3' 1/4" x 8' 10 1/4" x 1 3/4" WDD/ALF				
4	3	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"
1	EA	Cylindrical Lock	ND70 T D RHO	652 (HI-2) Ives
1	EA	Cylinder	20-740	626 (LO-4) Schlage
1	EA	Overhead Stop	904S	626 (CY-1) Schlage
1	EA	Concealed Closer	2033 STD	US32D (OH-4) Glynn-Johnson
3	EA	Silencer	SR64-GRY	AL (CL-7) LCN Closers
				(SI-1) Ives

Heading #: 18a.1

AL - cores only

1	SGL	Door:140.1	DOOR 140.1 TO MATCH DOOR 140.2	
3' 0" x 8' 10 1/4" x 1 3/4" ALD/ALF				
1	EA	Cylinder	20-740	626 (CY-1) Schlage

Heading #: 19

1	SGL	Door:154	COMMONS to CONF. ROOM	LH
1	SGL	Door:156.1	LOBBY to SM MTG/ GREEN ROOM	RH
3' 0" x 7' 2" x 1 3/4" WDD/ALF				
1	SGL	Door:160A	CORRIDOR from LECTURE HALL 160	LHR (45)
3' 0" x 7' 10" x 1 3/4" WDD/HMF (45)				
1	SGL	Door:203	RECEPTION to CONF. ROOM	LH
3' 0" x 7' 2 1/4" x 1 3/4" WDD/ALF				
12	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652 (HI-2) Ives
4	EA	Cylindrical Lock	ND70 T D RHO	626 (LO-4) Schlage
4	EA	Cylinder	20-740	626 (CY-1) Schlage
4	EA	Wall Stop	WS401CCV	626 (ST-1) Ives
12	EA	Silencer	SR64-GRY	(SI-1) Ives

Heading #: 19a

1	SGL	Door:156.2	CORRIDOR to SM MTG/ GREEN ROOM	RH
3' 0" x 7' 2" x 1 3/4" WDD/HMF				
3	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652 (HI-2) Ives
1	EA	Cylindrical Lock	ND53 T D RHO	626 (LO-5) Schlage
1	EA	Cylinder	20-740	626 (CY-1) Schlage
1	EA	Wall Stop	WS401CCV	626 (ST-1) Ives
3	EA	Silencer	SR64-GRY	(SI-1) Ives

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 19b

AL - cores only

1 SGL Door: 233
3' 0" x 7' 2" x 1 3/4" ALD/ALF

1 EA Cylinder 20-740 **note: closer: LCN 4010/4110 DEL MC AS REQ'D** 626 (CY-1) Schlage

Heading #: 20

closer side

1 PR Door: C270
2-3' 0" x 8' 0" x 1 3/4" WDD/HMF (90) **EAB CONNECTOR** from CORRIDOR RHRA/LHR 90

8 EA Hinge 5BB1HW 4-1/2" x 4-1/2" 652 (HI-2) Ives
2 EA Fire Rated Conc Vert Rod QEL RX 9947WDC-L-NL-F 06 996L-NL CON US26D (ED-4) Von Duprin
2 EA Cylinder 20-740 **Provide Rim Cylinder 20-079 for L-NL trim.** 626 (CY-1) Schlage
2 EA Housing ~~26-064~~ 626 (CY-2) Schlage
2 EA Surface Closer 4040XP MC Rw/PA AL (CL-5) LCN Closers
2 EA Wall Stop WS401CCV 626 (ST-1) Ives
1 EA Gasketing 188S-CI 72" 96" (GA-17) Zero International Inc
2 EA Astragal ~~328AA-2/06"~~ **ADVISE IF MORTISED ASTRAGAL CAN BE USED THIS DOOR** (AS-3) Zero International Inc
2 EA Silencer ~~SR64-GRY~~ (SI-1) Ives
2 EA Electric Power Transfer EPT10 CON SP28 (EA-1) Von Duprin
2 EA Position Switch 679-05HM (EA-3) Schlage Electronic Security
2 EA Wire Harness CON-38P (EA-5) Von Duprin
1 EA Power Supply PS904 900-4RL (PS-1) Von Duprin

BOTH DEVICES ARE NL TRIM. DT TRIM NOT RECOMMENDED FOR FIRE DEVICES.

Heading #: 20a

AL cores only

1 PR Door: C153
2-3' 0" x 8' 10" x 1 3/4" ALD/ALF

1 EA Cylinder 20-740 626 (CY-1) Schlage

Heading #: 20b

closer side

1 PR Door: 150
2-3' 0" x 7' 2" x 1 3/4" WDD/HMF **EAB CONNECTOR** from CORRIDOR RHRA/LHR

6 EA Hinge 5BB1HW 4-1/2" x 4-1/2" 652 (HI-2) Ives
1 EA Electrified Multi-Point Lock LM9291EL 06A **LM9291ELEL 06A** 626 (LO-6) Schlage
1 EA Electrified Multi-Point Lock LM9295EL T 06A **LM9295ELTEL 06A** 626 (LO-7) Schlage
2 EA Cylinder 20-740 626 (CY-1) Schlage
2 EA Surface Closer 4040XP MC Rw/PA AL (CL-5) LCN Closers
2 EA Wall Stop WS401CCV 626 (ST-1) Ives
2 EA Silencer SR64-GRY (SI-1) Ives
2 EA Electric Power Transfer EPT10 CON SP28 (EA-1) Von Duprin
2 EA Wire Harness CON-192P (EA-2) Von Duprin
2 EA Position Switch 679-05HM (EA-3) Schlage Electronic Security
1 EA Power Supply PS904 900-4RL (PS-1) Von Duprin

CON-192 ~~will~~ NEED TO BE SPLICED IN FIELD FOR THIS OPENING.

**HARDWARE FINISH TO MATCH HARDWARE
FINISH IN EAB. VERIFY FINISH**

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

CHANGE DOOR TO HMD
PER DOOR SCHEDULE
MARKS

Heading #: 20c

	1	PR	Door: C170	CORRIDOR to EAB CONNECTOR	RHR/LHR	45
			2-3' 6" x 8' 9" x 1 3/4" WDD/HMF (45)			
			WDD/HMF (45)			
			HMD			
8	EA	Pivot	91105F	US32D	(PV-1) Ives	
2	EA	Fire Rated Conc Vert Rod	9447L-BE-F 06 940L-BE	US26D	(ED-5) Von Duprin	
2	EA	Surface Closer	4003T STD TBWMS	AL	(CL-3) LCN Closers	
2	EA	Electromagnetic Holder	SEM7840	AL	(ST-2) LCN Closers	
1	EA	Gasketing	188S-CI 84" 108"		(GA-18) Zero International Inc	
2	EA	Astragal	328AA 2/108"		(AS-4) Zero International Inc	

94 Series INPACT Device for HMD only.
Recommend 9947WDC-L-BE-F 06

Heading #: 21

4'-7" PER DOOR
SCHEDULE MARKS

	1	SGL	Door: 100A	WORK COPY to CORRIDOR		
			4'-8" x 7' 4" x 1 3/4" WDD/			
	1	SGL	Door: 200A	WORK/COPY	Pocket	
	1	SGL	Door: 300A	WORK COPY	Pocket	
			5' 2" x 7' 4" x 1 3/4" WDD/			
3	EA	BrioSR150-57GN-1ss-10 6RB/94-94P/94PA-180DS	Brio SR150-57GN-1SS-106RB		(SL-1) Other	
3	EA	Pocket Door Lock	SD-2001SDL-3-S2002T-S2002		(LO-8) Accurate Lock and Hardware	
3	EA	690 Edge Pull	690 Edge Pull	US32D	(LO-9) Other	
3	EA	Housing	26-064	626	(CY-2) Schlage	
3	EA	Cylinder	20-079	626	(CY-3) Schlage	

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 22

1	SGL	Door:101	CORRIDOR to OFFICE STAFF	RH
1	SGL	Door:104	CORRIDOR to OFF. NA.	LH
1	SGL	Door:105	CORRIDOR to OFF. NA.	LH
1	SGL	Door:106	CORRIDOR to OFF. NA.	RH
1	SGL	Door:107	CORRIDOR to OFF. NA.	RH
1	SGL	Door:108	CORRIDOR to OFF. NA.	LH
1	SGL	Door:109	CORRIDOR to OFF. NA.	LH
1	SGL	Door:111	CORRIDOR to OFF. NU	RH
1	SGL	Door:113	CORRIDOR to OFF. NU	LH
1	SGL	Door:115	CORRIDOR to OFF. NU	RH
1	SGL	Door:117	CORRIDOR to OFF. FUT	LH
1	SGL	Door:205	CORRIDOR to OFF. GLOBAL	RH
1	SGL	Door:206	CORRIDOR to OFF. DEAN'S ASSIST.	LH
1	SGL	Door:207	CORRIDOR to OFF. STRATEGIC	LH
1	SGL	Door:208	CORRIDOR to OFF. ASSESSMENT	RH
1	SGL	Door:209	CORRIDOR to OFF. ASSOC. DEAN	RH
1	SGL	Door:211	CORRIDOR to OFF. ASSOC. DEAN	LH
1	SGL	Door:212	CORRIDOR to OFF. COMMUNICATIONS	LH
1	SGL	Door:214	CORRIDOR to OFF. COMMUNICATIONS	RH
1	SGL	Door:304	CORRIDOR to HR WS OFF.	LH
1	SGL	Door:305.1	CORRIDOR to OFF. STAFF	RH
1	SGL	Door:306	CORRIDOR to OFF. SCI	RH
1	SGL	Door:311	CORRIDOR to OFF. SCI	RH
1	SGL	Door:313	CORRIDOR to OFF. SCI	LH
1	SGL	Door:314	CORRIDOR to OFF. SCI	LH
1	SGL	Door:315	CORRIDOR to OFF. SCI	RH
1	SGL	Door:316	CORRIDOR to OFF. ASP	RH
1	SGL	Door:317	CORRIDOR to OFF. SCI	LH
1	SGL	Door:318	CORRIDOR to OFF. ASP	LH
1	SGL	Door:319	CORRIDOR to OFF. SCI	RH
1	SGL	Door:320	CORRIDOR to OFF. ASP	RH
1	SGL	Door:321	CORRIDOR to OFF. SCI	LH
1	SGL	Door:322	CORRIDOR to OFF. ASP	LH
1	SGL	Door:323	CORRIDOR to OFF. SCI	RH
1	SGL	Door:325	CORRIDOR to INTERVIEW/ CONF.	RH
1	SGL	Door:327	CORRIDOR to OFF. ASP	LH
1	SGL	Door:329	CORRIDOR to OFF. ASP	RH
1	SGL	Door:331	CORRIDOR to OFF. ASP	LH
1	SGL	Door:333	CORRIDOR to OFF. ASP	RH
1	SGL	Door:335	CORRIDOR to OFF. ASP	LH
1	SGL	Door:337	CORRIDOR to OFF. ASP	RH
1	SGL	Door:342	COMMONS to OFF. ASP	LH
1	SGL	Door:344	COMMONS to OFF. ASP	RH
1	SGL	Door:346	COMMONS to OFF. ASP	LH
1	SGL	Door:348	COMMONS to OFF. ASP	RH
1	SGL	Door:360	CORRIDOR to OFF. ASP	RH
1	SGL	Door:362	CORRIDOR to OFF. HR DIR	LH
1	SGL	Door:364	COMMONS to SM. MTG.	RH
1	SGL	Door:372D	COMMONS to OFF. LAB MGR.	RH
1	SGL	Door:401	CORRIDOR to OFF. ADJ	LH
1	SGL	Door:402	CORRIDOR to OFF. WORK STUDY	RH
1	SGL	Door:403	CORRIDOR to OFF. FLX	RH
1	SGL	Door:404	CORRIDOR to OFF. FLX	LH
1	SGL	Door:405	CORRIDOR to OFF. FLX	LH
1	SGL	Door:406	CORRIDOR to OFF. ADJ	RH

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 22

1	SGL	Door:407.1	CORRIDOR to OFF. STAFF	RH
1	SGL	Door:407.2	CORRIDOR to OFF. STAFF	LH
1	SGL	Door:411	COMMONS to OFF. FLX	RH
1	SGL	Door:412	CORRIDOR to TESTING	RH
1	SGL	Door:413	CORRIDOR to OFF. IL	RH
1	SGL	Door:414	CORRIDOR to TESTING	RH
1	SGL	Door:415	CORRIDOR to OFF. IL	LH
1	SGL	Door:416	CORRIDOR to OFF. IL WS	LH
1	SGL	Door:417	CORRIDOR to OFF. IL	RH
1	SGL	Door:419	CORRIDOR to TRANSLATION	RH
1	SGL	Door:432	CORRIDOR to OFF. ADJ	RH
1	SGL	Door:433	CORRIDOR to OFF. IL	RH
1	SGL	Door:434	CORRIDOR to OFF. ADJ	LH
1	SGL	Door:435	CORRIDOR to OFF. IL	LH
1	SGL	Door:437	CORRIDOR to OFF. IL	RH
1	SGL	Door:439	CORRIDOR to OFF. ESL	LH
1	SGL	Door:441	CORRIDOR to SM. MTG.	RH
3' 0" x 7' 2 1/4" x 1 3/4" WDD/ALF				

1	SGL	Door:144	CORRIDOR to OFF. NU/NA	RH
1	SGL	Door:452	CORRIDOR to OFF. TA	LH
1	SGL	Door:454	CORRIDOR to OFF. INTL	LH
1	SGL	Door:456	CORRIDOR from OFF SAFETY OFFICER	RH

3' 0" x 8' 10 1/4" x 1 3/4" WDD/ALF

1	SGL	Door:305.2	CORRIDOR to OFF. STAFF	LH
3' 1/8" x 7' 2 1/4" x 1 3/4" WDD/ALF				

Provide 4 hinges

NOTE DOOR TYPE FT1:
7'-2" HIGH OPERABLE
PANEL W/ FIXED
TRANSOM ABOVE

232	EA	Hinge	5BB1 4-1/2" x 4-1/2"	652	(HI-1) Ives
77	EA	Cylindrical Lock	ND53 T D RHO	626	(LO-5) Schlage
77	EA	Cylinder	20-740	626	(CY-1) Schlage
77	EA	Wall Stop	WS401CCV	626	(ST-1) Ives
231	EA	Silencer	SR64-GRY		(SI-1) Ives
77	EA	Coat Hook	572	626	(OT-1) Ives
77	EA	Coat hook	CH23	626	(OT-3) Doug Mockett

Heading #: 22A

1	SGL	Door:160B	CORRIDOR to CONTROL ROOM	RH	45
3' 0" x 7' 2" x 1 3/4" WDD/HMF (45)					
3	EA	Hinge	5BB1 4-1/2" x 4-1/2"	652	(HI-1) Ives
1	EA	Cylindrical Lock	ND53 T D RHO	626	(LO-5) Schlage
1	EA	Cylinder	20-740	626	(CY-1) Schlage
1	EA	Wall Stop	WS401CCV	626	(ST-1) Ives
1	EA	Threshold	657A 36" V3 -7"		(TH-9) Zero International Inc
1	EA	Gasketing	188S-CI 36 96		(GA-7) Zero International Inc
1	EA	Door Bottom	3551 36"		(DB-2) Zero International Inc
1	EA	Coat Hook	572	626	(OT-1) Ives
1	EA	Coat hook	CH23	626	(OT-3) Doug Mockett

Provide closer for rated opening.

Provide #225 anchors as specified

USE 5" MAX WIDTH TO
MATCH FRAME WIDTH

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 23

1	SGL	Door:332.1	CORRIDOR to OFF. ADJ	LH
		3' 0" x 7' 2 1/4" x 1 3/4" WDD/ALF		
		3'-0"		
1	SGL	Door:215	CORRIDOR to DEAN'S OFFICE	LH
		3'-7/8" x 7' 2 1/4" x 1 3/4" WDD/ALF		
6	EA	Hinge	5BB1 4-1/2" x 4-1/2"	652 (HI-1) Ives
2	EA	Cylindrical Lock	ND53 T D RHO	626 (LO-5) Schlage
2	EA	Cylinder	20-740	626 (CY-1) Schlage
2	EA	Overhead Stop	104S	US32D (OH-1) Glynn-Johnson
6	EA	Silencer	SR64-GRY	(SI-1) Ives

advise if
exposed metal
channel at
edge

Heading #: 24

1	PR	Door:160.1	LOBBY from closer side LECT. ENTRY	RHR/LHR 45
		2-3' 0" x 8' 10" x 1 3/4" WDD/HMF (45)		
8	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652 (HI-2) Ives
2	EA	Fire Rated Conc Vert Rod	9947WDC-L-F LBR 996L(Std)	US26D (ED-6) Von Duprin
2	EA	Extension Rod Kit	ER-ADJ10-33A/99	US26D (ED-7) Von Duprin
2	EA	Cylinder	20-740	626 (CY-1) Schlage
2	EA	Cylinder	20-079	626 (CY-3) Schlage
2	EA	Surface Closer	4040XP MC R/W/PA LCN 4010/4110 DEL MC AS REQ'D	AL (CL-5) LCN Closers
2	EA	Kick Plate	8400 B-CS 10" x 35"	US32D (KP-4) Ives
2	EA	Wall Stop	WS401CCV	626 (ST-1) Ives
1	EA	Gasketing	188S-CI 84" 108"	(GA-18) Zero International Inc
2	EA	Astragal	328AA 2/108" 8194AA	(AS-4) Zero International Inc

Heading #: 25

1	PR	Door:160.2	closer side LECT. ENTRY from LECTURE HALL	RHR/LHR
		2-3' 0" x 8' 10" x 1 3/4" WDD/HMF	160	
8	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652 (HI-2) Ives
2	EA	Touch Bar	330 Provide with 996L (std) as specified	US26D (ED-8) Von Duprin
2	EA	Surface Closer	4040XP MC R/W/PA LCN 4010/4110 DEL MC AS REQ'D	AL (CL-5) LCN Closers
2	EA	Kick Plate	8400 B-CS 10" x 35"	US32D (KP-4) Ives
2	EA	Wall Stop	WS401CCV	626 (ST-1) Ives
1	EA	Gasketing	188S-CI 84" 108"	(GA-18) Zero International Inc
1	EA	Astragal	328AA 2/108" Provide 36AA meeting stile as specified	(AS-4) Zero International Inc

Heading #: 26

AL - by others

1	SGL	Door:276.2	CORRIDOR from SCIN CLASSROOM	LHR
1	SGL	Door:283.2		
1	SGL	Door:291.2		
1	SGL	Door:483.2		
		3' 6" x 7' 2" x 1 3/4" ALD/ALF		

Heading #: 27

1	SGL	Door:202	COMMONS from closer side RECEPTION	LHR
		3' 0" x 9' 4" x 1 3/4" WDD/ALF	NOTE: 8'-6" HIGH DOOR W/ 10" HIGH FLUSH TRANSOM PANEL ABOVE	
4	EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652 (HI-2) Ives
1	EA	Cylindrical Lock	ND70 T D RHO	626 (LO-4) Schlage
1	EA	Cylinder	20-740	626 (CY-1) Schlage
1	EA	Overhead Stop	104S	US32D (OH-1) Glynn-Johnson
1	EA	Surface Closer	4040XP MC R/W/PA	AL (CL-5) LCN Closers
3	EA	Silencer	SR64-GRY	(SI-1) Ives

COORDINATE MOUNTING ON
FLUSH TRANSOM PANEL
ABOVE DOOR.

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 28

1 SGL Door: C210		CORRIDOR to	closer side	CORRIDOR C210	LH
3' 0" x 7' 2" x 1 3/4" WDD/ALF					
3 EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives	
1 EA	Cylindrical Lock	ND70 T D RHO	626	(LO-4) Schlage	
1 EA	Cylinder	20-740	626	(CY-1) Schlage	
1 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers	
1 EA	Wall Stop	WS401CCV	626	(ST-1) Ives	
3 EA	Silencer	SR64-GRY		(SI-1) Ives	

Heading #: 29

AL - Cores only

1 SGL Door: C230A					
3' 2" x 7' 2" x 1 3/4" ALD/ALF					
1 EA	Cylinder	20-740	626	(CY-1) Schlage	

Heading #: 30

AL - Cores only

1 PR Door: C250A					
2-3' 0" x 7' 10 1/2" x 1 3/4" ALD/ALF					
1 EA	Cylinder	20-740	626	(CY-1) Schlage	

Heading #: 31

AL - cores only

1 SGL	Door: 284.1				
1 SGL	Door: 284.2				
1 SGL	Door: 378.1				
1 SGL	Door: 378.2				
1 SGL	Door: 383.2				
1 SGL	Door: 388.2				
1 SGL	Door: 391.1				
1 SGL	Door: 391.2				
1 SGL	Door: 472.2				
		CORRIDOR from CHEM LAB		LHR	
		GENERAL			
1 SGL	Door: 480.1				
1 SGL	Door: 480.2				
1 SGL	Door: 488.1				
1 SGL	Door: 488.2				
1 SGL	Door: 491.1				
1 SGL	Door: 491.2				
3' 6" x 7' 2" x 1 3/4" ALD/ALF					
15 EA	Cylinder	20-740	626	(CY-1) Schlage	

note: closer: LCN 4010/4110 DEL MC AS REQ'D

Heading #: 32

1 SGL Door: S340.2		CORRIDOR to	closer side	STAIR 1-3	RH	90
3' 0" x 7' 2" x 1 3/4" WDD/HMF (90)						
3 EA	Hinge	5BB1HW 4-1/2" x 4-1/2"	652	(HI-2) Ives		
1 EA	Cylindrical Lock	ND70 T D RHO	626	(LO-4) Schlage		
1 EA	Cylinder	20-740	626	(CY-1) Schlage		
1 EA	Surface Closer	4040XP MC Rw/PA	AL	(CL-5) LCN Closers		
1 EA	Kick Plate	8400 B CS 10" x 24"	US32D	(KP-2) Ives		
1 EA	Wall Stop	WS401CCV	626	(ST-1) Ives		
1 EA	Gasketing	188S-CI 36 96		(GA-7) Zero International Inc		
1 EA	Sweep	339AA 36"	match SW 7004 Snowbound	(SW-2) Zero International Inc		

SWEEP IS FIGURED AS CLEAR ALUMINUM FINISH.

Hardware Schedule

Project ID: JOB001775 - WEBSTER ISB

Heading #: 33

AL - cores only

		1 SGL Door: 376		
		3' 4" x 7' 0" x 3" Other/		
1 EA	Cylinder	20-740	626	(CY-1) Schlage
1 EA	Housing	26-064	626	(CY-2) Schlage
1 EA	Cylinder	20-079	626	(CY-3) Schlage

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
Joe Voypick	
SUBMITTED BY	
087100.03-001	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	087100.03
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
Negwer Door Systems	
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|--------------------------------------|--|--|
| ☐ Shop Drawings | ☐ Certification / | ☐ Coordination Drawing |
| ☐ Samples | ☐ Qualifications | ☐ Calculations |
| ☐ (____ copies) | ☐ Record Documents | ☒ Schedules |
| ☐ LEED Submittal | ☐ Product Data | ☐ O&M Manuals |
| ☐ Other _____ | | |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

 PARIC CORPORATION SUBMITTAL STAMP THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION Subcontractor remains responsible for dimension, quantities, coordination with other trades and compliance with contract documents. By: Devin D. Gates
--

Joe Voypick	9/12/16
REVIEWED BY	DATE

To be completed by Reviewer

08 7100.03-001
CANNON DESIGN SUBMITTAL NUMBER
9/13/16
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☒ B. Make Corrections Noted
Incorporate corrections in work;
resubmission is not required.
- ☐ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents;
provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information
purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents
and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

☒ See attached sheet(s) for additional comments

Note : partial review -- groups not reviewed are highlighted. See letter from Allegion (hardware consultant) as well as enclosed marks. Handing of doors not reviewed. CM to review. Closers - we have noted what side of door closer should be located on. Verify that indicated closer is correct. Astragals: Please advise on use of mortised astragals where noted. We prefer these to the surface mounted for most doors. Delete kickplates where indicated. Owner will need to review this spec. Changes following Owner meeting are in teal color. for aluminum doors: changes indicated on these drawings. Per subsequent discussion with Webster, Doors 177, 179, 277 and 279 should have automatic openers. We are working on those with Aaron Owen at Allegion 2016 10.07 update: Automatic openers to be on 180, 182, 277, and 279. Hardware groups 10.1 and 11.1 added to include openers. New groups 10.1 and 11.1 follow this page 2016.12.03 update: Exterior door hardware review comments in green color markups	12/03/16 DATE
--	-----------------------------

REVIEWED BY

DATE

10.07.16: HARDWARE GROUPS ADDED

HARDWARE GROUP NO. 10.1

FOR USE ON MARK/DOOR #(S):

180 182

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HW HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PRIVACY	L9056T 06A L583-363	626	SCH
1	EA	DOOR BOLT W/INDICATOR	B-571	626	SCH
1	EA	ELECTRIC STRIKE	6211	630	VON
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	AUTO OPERATOR	4642	689	LCN
4	EA	KICK PLATE	8400 10" X 2" LDW B CS	630	IVE
1	EA	WALL STOP	WS401/402CCV	626	IVE
1	EA	GASKETING	188S-CL	S-CL	ZER
1	EA	COAT HOOK	CH-23	626	MOCT
1	EA	ACTUATOR PACKAGE	8310-3822TW		LCN

NOTE: ACTIVATING THE ACTUATOR ENERGIZES THE ELECTRIC STRIKE AND STARTS THE AUTO OPERATOR. FOR PRIVACY, THE DOOR BOLT W/INDICATOR MUST BE PROJECTED. TO EXIT, THE DOOR BOLT MUST BE RETRACTED AND THE INSIDE ACTUATOR ACTIVATED TO START THE AUTOMATIC OPERATOR.

HARDWARE GROUP NO. 11.1

FOR USE ON MARK/DOOR #(S):

277 279

EACH TO HAVE:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HW HINGE	5BB1HW 4.5 X 4.5	652	IVE
1	EA	PUSH PLATE	8200 6" X 16"	630	IVE
1	EA	PULL PLATE	8303 10" 6" X 16"	630	IVE
1	EA	ATTO OPERATOR	4642	689	LCN
1	EA	WALL STOP	WS401/402CCV	626	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	ACTUATOR PACKAGE	8310-3822TW		LCN



Allegion, PLC
6810 Hillsdale Ct.
Indianapolis, IN 46250 USA
Office 877.238.2022 Fax 317.715.4055
allegion.com

Submittal Review

Specification Section: 087100 Door Hardware

Date: 09/21/2016

Project: Webster Interdisciplinary Science Building
St. Louis, MO

Firm: Cannon Design
Attn: Lynn Grossman
1100 Clark Avenue
St. Louis, MO 63102
(314) 241-6250

Lynn,

I have reviewed this submittal for the door hardware per specification section 087100 only. This review is for specification compliance based on the specifications submitted to you for the above referenced project. I did not review for doors and frames and nor did I respond to any questions or comments regarding doors and frames. The Contractor remains responsible for the accuracy and completeness of submittal including, but not limited to, dimensions, quantities, fabrication, and construction techniques. General Conditions of contract documents apply.

You will need to review the door and frame submittal for compliance based on your plans, door schedule, and door/frame elevations. If any changes were made through addenda or RFI please update my comments appropriately.

Submittal Action:

Door Hardware Submittal dated 09/07/16 -

Reviewed / **Reviewed As Noted**

Submittal Notes/Comments:

Door Hardware Submittal (dated 09/x07/16) –

Note: The general comments are listed to save time for repetitious items, comments, and/or concerns. The specific comments listed for individual headings are subject to the general comments listed below.

1. General:
 - a. I did not review submittal for handing.
 - b. Provide items to receive custom powder coating as specified for all applicable sets. The color should match the storefront.
 - c. Provide 5" hinge for doors greater than 36" for all applicable sets.
 - d. Provide CON-192 wire harness as specified for all applicable sets.
 - e. See comments per set.

Please remind the contractor to coordinate the hardware being supplied by the Aluminum Door supplier with the hardware from this package. The hardware for aluminum doors is specified in Section 087100. This submittal references aluminum hardware as "by others". All the hardware is required to be of the same manufacturer and model and meet the requirements of Section 087100.

- ✓ Single Source Responsibility: Obtain each type of hardware (ie. latch and locksets, hinges, exit devices, closers, etc.) from a single manufacturer. [Reference Section 087100, Article 1.4.D.]

The door hardware specification includes some project controls to assist in a smooth project. Please remind the general contractor of the following specification items in Section 087100:

- ✓ Article 1.3.C. Riser and Wiring Diagram – Please advise hardware supplier to provide riser and (point-to-point) Wiring Diagrams per approved finish hardware schedule.
- ✓ Articles 1.4.E. and 2.6. Keying – Please advise the hardware supplier to schedule and complete the keying conference prior to ordering hardware to avoid issues with keying or lock functions.
- ✓ Articles 1.6. and 1.7. Coordination – Please advise general contractor to schedule pre-installation, installation coordination, and electrified hardware coordination conferences prior to installation of any finish hardware.

Also, put the following items on the check-list at project completion time:

- ✓ Field Quality Control
- ✓ Adjustment, Cleaning and Protection, and Demonstration

As a reminder the following services are available to you for this project:

- ✓ Review submitted keying schedule and/or assist with keying meeting, questions, or concerns.
- ✓ Provide product training to installers.
- ✓ Provide product training to owner.

Please review and contact us at the above telephone number or via email at chris.mueller@allegion.com with any questions. Thank you for your time and allowing me to follow up on this project.

Sincerely,

A handwritten signature in cursive script that reads "Chris Mueller".

<Chris Mueller>



PARIC
EXPERIENCE. EXCELLENCE.

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0220

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 09/12/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Hardware Schedule

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Schedule	☐ Separate Cover Via:	☐ Due Date:

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		08100.03-001	1		09/12/2016	Hardware Schedule	Submitted

NOTES:

CC:

Signed: _____
Devin Gates