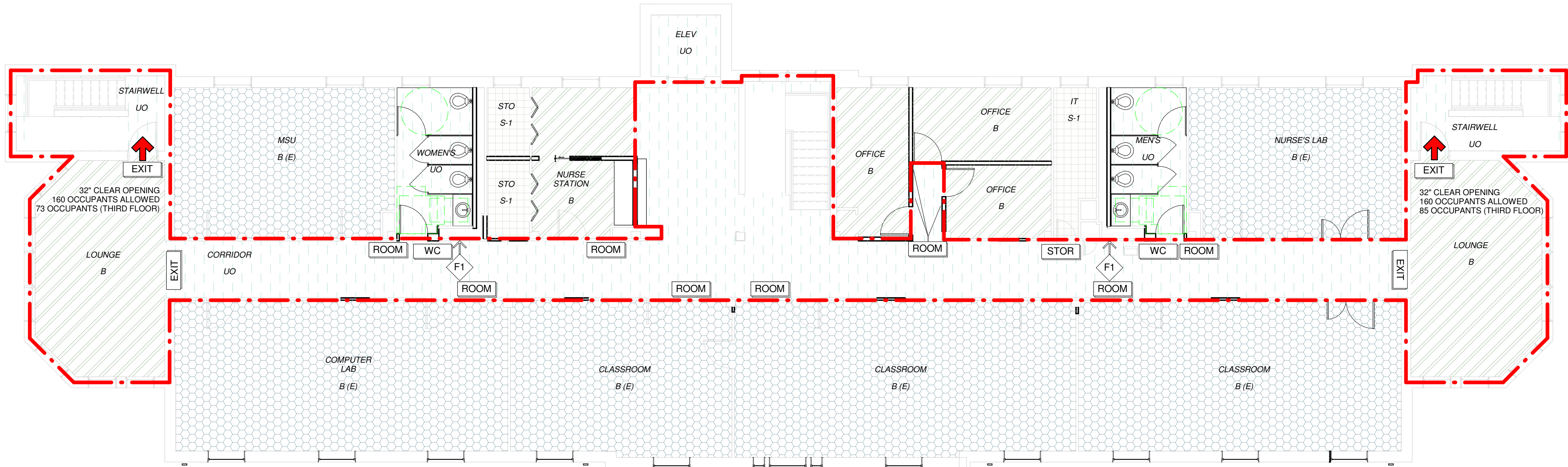


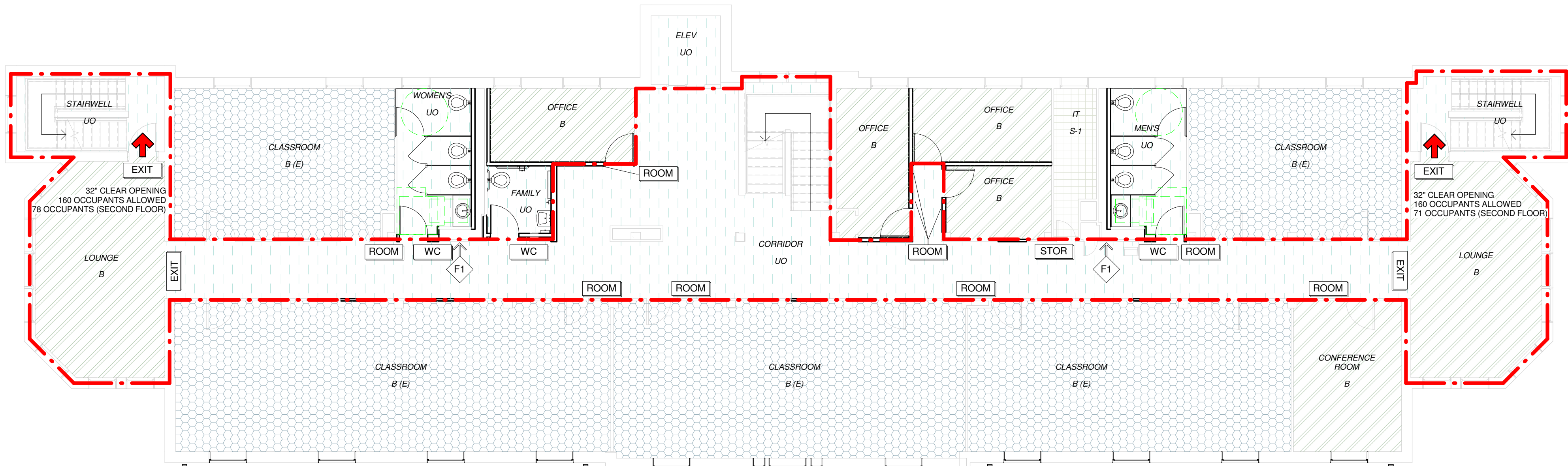
3 EGRESS & CODE REVIEW - THIRD FLOOR

SCALE: 1/8" = 1'-0"



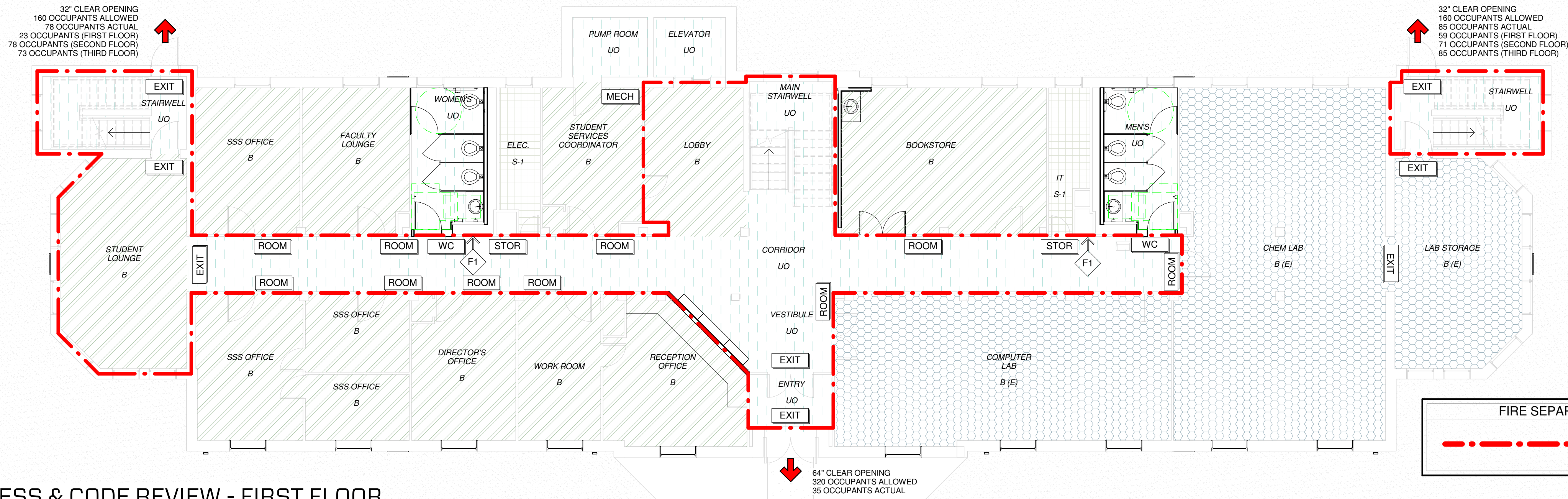
2 EGRESS & CODE REVIEW - SECOND FLOOR

SCALE: 1/8" = 1'-0"



1 EGRESS & CODE REVIEW - FIRST FLOOR

SCALE: 1/8" = 1'-0"



FIRE SEPARATION LEGEND	
---	ONE (1) HOUR SEPARATION

APPLICABLE CODES & STANDARDS	
2012 ICC INTERNATIONAL BUILDING CODE AND ALL REFERENCE STANDARDS; 2012 INTERNATIONAL EXISTING BUILDING CODE ICC INTERNATIONAL PLUMBING CODE ICC INTERNATIONAL MECHANICAL CODE ICC INTERNATIONAL FIRE CODE NATIONAL ELECTRIC CODE (NEC) 2014 2010 ADAAG AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES 2009 ANSI A117.1 GUIDELINES FOR ACCESSIBLE & USABLE BUILDING & FACILITIES	
GENERAL PROJECT INFORMATION	
USER GROUP: BUSINESS (B) CONSTRUCTION TYPE: IIB SPRINKLERED: NO GROSS BUILDING FOOTPRINT AREA: 6535 SQFT	
ALLOWABLE HEIGHT AND BUILDING AREA (SECTION 503, TABLE 503)	
USER GROUP: BUSINESS (B) MAXIMUM 3 STORIES ALLOWED, 3 STORIES EXISTING MAXIMUM 55'-0" ALLOWED, 44'-10" PROVIDED MAXIMUM 23,000 SQUARE FEET ALLOWED, GROSS 6535 SQFT PROVIDED	
BUILDING AREA AND OCCUPANT LOAD (SECTION 1004, TABLE 1004.1)	
MIXED USE AND OCCUPANCY (SECTION 508) TABLE 508.4 DOES NOT REQUIRE ANY SEPARATION BETWEEN OCCUPANCIES "B" & "S-1" OCCUPANT LOAD CALCULATED PER SECTION 1004 & TABLE 1004.1.2 BUSINESS (B) = 100 GROSS SQUARE FEET PER OCCUPANT BUSINESS EDUCATION USE (B-E) = 20 GROSS SQUARE FEET PER OCCUPANT ACCESSORY STORAGE AREAS/MECHANICAL EQUIPMENT ROOMS (S-1) = 300 SQUARE FEET PER OCCUPANT	
EXIT QUANTITY (SECTION 1021)	
1ST STORY: OCCUPANT LOAD = 1,500 = MINIMUM 2 EXITS REQUIRED; 3 EXITS PROVIDED	
EXIT ACCESS TRAVEL DISTANCE (SECTION 1016, TABLE 1016.2)	
OCCUPANCY "B" = 200'-0" WITHOUT SPRINKLER SYSTEM WHEN IN ACCORDANCE WITH IBC SECTION 903. OCCUPANCY "S-1" = 200'-0" WITHOUT SPRINKLER SYSTEM.	
CORRIDORS (SECTION 1018)	
OCCUPANCY "B" = 1-HOUR CORRIDOR RATING REQUIRED WHEN IN ACCORDANCE WITH IBC SECTION 1018.1. OCCUPANCY "B" = MIN. 72" WIDTH REQUIRED WHEN IN ACCORDANCE WITH IBC SECTION 1018.2. OCCUPANCY "B" = 20'-0" MAXIMUM DEAD END CORRIDOR LENGTH ALLOWED WHEN IN ACCORDANCE WITH IBC SECTION 1018.4.	
EGRESS WIDTHS (SECTION 1005, TABLE 1005.1)	
REQUIRED EGRESS WIDTH PER OCCUPANT SERVED WITHOUT AUTOMATIC SPRINKLER SYSTEM: STAIRWAYS = 0.3' PER OCCUPANT OTHER EGRESS COMPONENTS = 0.2' PER OCCUPANT DOOR EGRESS WIDTH REQUIRED = 215 OCCUPANTS AT 0.20' = 42" TOTAL PROVIDED = 128" CLEAR	
PLUMBING FIXTURES (SECTION 2902, TABLE 2902.1)	
BUSINESS (B) WATER CLOSETS REQUIRED: 5 REQUIRED MALE (108 MEN @ 1 PER 25; 1 PER 50) 5 REQUIRED FEMALE (107 WOMEN @ 1 PER 25; 1 PER 50) TOTAL WATER CLOSETS PROVIDED: 12 PROVIDED MALE; 12 PROVIDED FEMALE; 1 PROVIDED FEM. BUSINESS (B) LAVATORIES REQUIRED: 3 REQUIRED MALE (108 MEN @ 1 PER 40; 1 PER 80) 3 REQUIRED FEMALE (107 FEMALE @ 1 PER 40; 1 PER 80) TOTAL LAVATORIES PROVIDED: 3 PROVIDED MALE; 3 PROVIDED FEMALE; 1 PROVIDED FEMALE DRINKING FOUNTAINS REQUIRED: 2 REQUIRED TOTAL DRINKING FOUNTAINS PROVIDED: 3 PROVIDED - EXISTING TO REMAIN SERVICE SINKS REQUIRED: 1 REQUIRED TOTAL SERVICE SINKS PROVIDED: 1 PROVIDED	

OCCUPANT LOAD SCHEDULE					
ROOM NO.	ROOM NAME	USER GROUP	AREA	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
100	ENTRY	UO	51 SF	0 SF	
101	VESTIBULE	UO	116 SF	0 SF	
101A	MAIN STAIRWELL	UO	149 SF	0 SF	
101B	CORRIDOR	UO	649 SF		
102	SSS OFFICE	B	180 SF	100 SF	2
103	FACULTY LOUNGE	B	182 SF	100 SF	2
104	WOMEN'S	UO	118 SF	0 SF	
105	ELEC	S-1	60 SF	300 SF	1
106	STUDENT SERVICES COORDINATOR	B	167 SF	100 SF	2
106B	PUMP ROOM	UO	53 SF	0 SF	
107	LOBBY	B	170 SF	100 SF	2
108	BOOKSTORE	B	353 SF	100 SF	4
109	IT	S-1	62 SF	300 SF	1
110	MEN'S	UO	120 SF	0 SF	
111	CHEM LAB	B (E)	867 SF	20 SF	44
111A	LAB STORAGE	B (E)	297 SF	20 SF	15
112	COMPUTER LAB	B (E)	589 SF	20 SF	30
113	RECEPTION OFFICE	B	207 SF	100 SF	3
114	WORK ROOM	B	153 SF	100 SF	2
115	DIRECTOR'S OFFICE	B	179 SF	100 SF	2
116	SSS OFFICE	B	184 SF	100 SF	2
116A	SSS OFFICE	B	96 SF	100 SF	1
116B	SSS OFFICE	B	81 SF	100 SF	1
117	STUDENT LOUNGE	B	293 SF	100 SF	3
118	STAIRWELL	UO	119 SF	0 SF	
119	STAIRWELL	UO	119 SF	0 SF	
120	ELEVATOR	UO	51 SF	0 SF	
200	CORRIDOR	UO	1199 SF	0 SF	
201	LOUNGE	B	293 SF	100 SF	3
202	CLASSROOM	B (E)	365 SF	20 SF	19
203	WOMEN'S	UO	118 SF	0 SF	
204	FAMILY	UO	49 SF	0 SF	
205	OFFICE	B	118 SF	100 SF	2
206	OFFICE	B	119 SF	100 SF	2
208	OFFICE	B	114 SF	100 SF	2
209	OFFICE	B	85 SF	100 SF	1
210	IT	S-1	63 SF	300 SF	1
211	MEN'S	UO	120 SF	0 SF	
212	CLASSROOM	B (E)	351 SF	20 SF	18
213	LOUNGE	B	297 SF	100 SF	3
214	CONFERENCE ROOM	B	181 SF	100 SF	2
215	CLASSROOM	B (E)	539 SF	20 SF	27
216	CLASSROOM	B (E)	614 SF	20 SF	31
217	CLASSROOM	B (E)	730 SF	20 SF	37
218	STAIRWELL	UO	119 SF	0 SF	
219	STAIRWELL	UO	119 SF	0 SF	
220	ELEV	UO	53 SF	0 SF	
300	CORRIDOR	UO	1137 SF	0 SF	
301	LOUNGE	B	293 SF	100 SF	3
302	MSU	B (E)	365 SF	20 SF	19
303	WOMEN'S	UO	120 SF	0 SF	
304	NURSE STATION	B	84 SF	100 SF	1
304A	STO	S-1	37 SF	300 SF	1
305	OFFICE	B	78 SF	100 SF	1
305A	STO	S-1	33 SF	300 SF	1
306	OFFICE	B	119 SF	100 SF	2
308	OFFICE	B	113 SF	100 SF	2
309	OFFICE	B	85 SF	100 SF	1
310	IT	S-1	64 SF	300 SF	1
311	MEN'S	UO	120 SF	0 SF	
312	NURSE'S LAB	B (E)	351 SF	20 SF	18
313	LOUNGE	B	297 SF	100 SF	3
314	CLASSROOM	B (E)	541 SF	20 SF	28
315	CLASSROOM	B (E)	587 SF	20 SF	30
316	CLASSROOM	B (E)	379 SF	20 SF	19
317	COMPUTER LAB	B (E)	557 SF	20 SF	28
318	STAIRWELL	UO	119 SF	0 SF	
319	STAIRWELL	UO	119 SF	0 SF	
320	ELEV	UO	49 SF	0 SF	
					423

USER GROUP LEGEND	
B	BUSINESS
B (E)	BUSINESS - EDUCATION USE
S-1	STORAGE
UO	UNOCCUPIED

STATE OF MISSOURI
BRAD E. ERWIN
NUMBER
A-2006012472
02/18/2016
ARCHITECT

BRAD E. ERWIN, ARCHITECT
MO # A-2006012472
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PROJECT DESCRIPTION:
SHEET NUMBER:
PROJECT NUMBER:
G1-0 CROWDER COLLEGE NEVADA RENOVATION
CODE COMPLIANCE
15-272
DATE: 2016-02-18
DRAWN BY: BEE, JAW, KWW
CHECKED BY: BEE, JAW, KWW