

# Building Code Summary Report | Lowell Makes

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Summer 22 STUDIO 06 Arch3500

## CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION

Program List/ What is Offered:

	Name of Program/Function*	Size: Area (Square Ft)
Ground Floor	Entrance/Reception Space	337 sq ft
	Mixed Use Lobby, Flex Space: Cafe, Woodshop Exhibition Space, Digital Program Literacy Classes	3258 sq ft
	Gender Neutral Bathrooms	2 (120 sq ft each; 240 in total)
	Outdoor Space: Made for the Mixed Use Lobby- Holds Exterior Exhibition Space, Outdoor Eating Area, and Outdoor Classrooms for Literacy Classes	~1500 sq ft
	Woodworking Workshop: Made for Macro Items- Living With & the Use of Wood in Daily Life- Furnitures such as Bookshelves, Chairs, Benches, Tables, Bowls from Carving, Dressers	3510 sq ft
	Locker Rooms	~205 sq ft each (410 total)
Ground Floor	Interior Finishing Space: Used for Sanding, Staining, and Painting	269 sq ft
	Exterior Working Space/ Finishing Space: Made for the Woodworking Workshop- Doubles as a Outdoor Finishing Space and an Exterior Making Space	~1500 sq ft
	Multipurpose Room: Gallery/ Exhibition & Gardening/Rainwater Collection Classes: Made for Students in the Cooking and Ceramics to Show Off their Products (Even to Eat & Talk Over Food that the Cooking	1853 sq ft

Second Floor	Students Created) As Well as a Class Space for Gardening Students	
	Exterior Green Roof & Exterior Working Space: Made for Students in the Cooking, Ceramics, and Gardening Programs (Students Can Glaze in Ceramics, Gather & Grow Vegetables from the Gardens for the Cooking Classes, and Compost as Needed)	2659 sq ft
	Cooking Classes: Learning Stations Fit with Mini Fridges, Ranges, Sinks Along with Larger Industrial Fridges/Freezers, and Storage for Dry Foods & Utensils How to cook and prepare healthy meals on a budget with little to no waste How to compost waste and <i>Scrappy Cooking</i>	1898 sq ft
	Photography Studio: To take pictures of finished projects- a controlled environment solely based on studio lighting	488 sq ft
	Photography Class Space: Pin-up Space for All Programs, Lounge when not in use	687 sq ft
	3D Printing & Ceramic 3D Printing: reduces waste and CO2 emissions as it is less raw material. Reusing filament by melting, or reusing parts will be utilized.	480 sq ft (3D Print) 616 sq ft(Ceramic Print)
Third Floor	Admin Space & Conference Room	617 sq ft (Offices) 480 sq ft (Conference)
	Computer/Programming Lab: For those who do not have access to computers at home.	511 sq ft
	Ceramics w/ Kiln: Clay pots, bowls, objects that are able to be	~1500 sq ft

	used in daily life.	
	Library & Papermaking Space: Used to make portfolios & prints of work as well as gathering research.	~1500 sq ft

• Section 301 – Section 312 – Determine your building use group(s)

The 4 most used groups in our building are:

- A2, Assembly (Dining Facilities)
- A3, Assembly (Art galleries, Exhibitions spaces, Library)
- B, Business (Training and skill development, commercial kitchens not included in a restaurant)
- F1, Moderate-hazard factory industrial (woodworking)

**CHAPTER 5: GENERAL BUILDING HEIGHT AND AREAS**

• Section 504 – Building Height and Number of Stories –

- TABLE 504.3a ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE

OCCUPANCY CLASSIFICATION	TYPE OF CONSTRUCTION									
	SEE FOOTNOTES	TYPE I		TYPE II		TYPE III		TYPE IV	TYPE V	
		A	B	A	B	A	B	HT	A	B
A, B, E, F, M, S, U	NSb	UL	160	65	55	65	55	65	50	40
	S	UL	180	85	75	85	75	85	70	60
H-1, H-2, H-3, H-5	NSc, d	UL	160	65	55	65	55	65	50	40

	S									
H-4	NSc, d	UL	160	65	55	65	55	65	50	40
	S	UL	180	85	75	85	75	85	70	60
I-1 Condition 1, I-3	NSd, e	UL	160	65	55	65	55	65	50	40
	S	UL	180	85	75	85	75	85	70	60
I-1 Condition 2, I-2	NSd, f, e	UL	160	65	55	65	55	65	50	40
	S	UL	180	85						
I-4	NSd, g	UL	160	65	55	65	55	65	50	40
	S	UL	180	85	75	85	75	85	70	60
R	NSd, h	UL	160	65	55	65	55	65	50	40
	S13R	60	60	60	60	60	60	60	60	60
	S	UL	180	85	75	85	75	85	70	60

- For SI: 1 foot = 304.8 mm.
- TABLE 504.4a, b ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE

OCCUPANCY CLASSIFICATION	TYPE OF CONSTRUCTION					
	SEE FOOTNOTES	TYPE I	TYPE II	TYPE III	TYPE IV	TYPE V

		A	B	A	B	A	B	HT	A	B
A-1	NS	UL	5	3	2	3	2	3	2	1
	S	UL	6	4	3	4	3	4	3	2
A-2	NS	UL	11	3	2	3	2	3	2	1
	S	UL	12	4	3	4	3	4	3	2
A-3	NS	UL	11	3	2	3	2	3	2	1
	S	UL	12	4	3	4	3	4	3	2
A-4	NS	UL	11	3	2	3	2	3	2	1
	S	UL	12	4	3	4	3	4	3	2
A-5	NS	UL	UL	UL	UL	UL	UL	UL	UL	UL
	S	UL	UL	UL	UL	UL	UL	UL	UL	UL
B	NS	UL	11	5	3	5	3	5	3	2
	S	UL	12	6	4	6	4	6	4	3
E	NS	UL	5	3	2	3	2	3	1	1
	S	UL	6	4	3	4	3	4	2	2

F-1	NS	UL	11	4	2	3	2	4	2	1
	S	UL	12	5	3	4	3	5	3	2
F-2	NS	UL	11	5	3	4	3	5	3	2
	S	UL	12	6	4	5	4	6	4	3
H-1	NSc, d									
	S	1	1	1	1	1	1	1	1	NP
H-2	NSc, d									
	S	UL	3	2	1	2	1	2	1	1
H-3	NSc, d									
	S	UL	6	4	2	4	2	4	2	1
H-4	NSc, d	UL	7	5	3	5	3	5	3	2
	S	UL	8	6	4	6	4	6	4	3
H-5	NSc, d									
	S	4	4	3	3	3	3	3	3	2
I-1 Condition 1	NSd, e	UL	9	4	3	4	3	4	3	2

	<i>S</i>	<i>UL</i>	10	5	4	5	4	5	4	3
<i>I-1 Condition 2</i>	<i>NSd, e</i>	<i>UL</i>	9	4	3	4	3	4	3	2
	<i>S</i>	<i>UL</i>	10	5						
<i>I-2</i>	<i>NSd, f</i>	<i>UL</i>	4	2	1	1	<i>NP</i>	1	1	<i>NP</i>
	<i>S</i>	<i>UL</i>	5	3						
<i>I-3</i>	<i>NSd, e</i>	<i>UL</i>	4	2	1	2	1	2	2	1
	<i>S</i>	<i>UL</i>	5	3	2	3	2	3	3	2
<i>I-4</i>	<i>NSd, g</i>	<i>UL</i>	5	3	2	3	2	3	1	1
	<i>S</i>	<i>UL</i>	6	4	3	4	3	4	2	2
<i>M</i>	<i>NS</i>	<i>UL</i>	11	4	2	4	2	4	3	1
	<i>S</i>	<i>UL</i>	12	5	3	5	3	5	4	2
<i>R-1</i>	<i>NSd, h</i>	<i>UL</i>	11	4	4	4	4	4	3	2
	<i>S13R</i>	4	4						4	3
	<i>S</i>	<i>UL</i>	12						5	5
<i>R-2</i>	<i>NSd, h</i>	<i>UL</i>	11	4	4	4	4	4	3	2

	S13R	4	4	4					4	3
	S	UL	12	5	5	5	5	5	4	3
R-3	NSd, h	UL	11						3	3
				4	4	4	4	4		
	S13R	4	4						4	4
	S	UL	12	5	5	5	5	5	4	4
R-4	NSd, h	UL	11						3	2
				4	4	4	4	4		
	S13R	4	4						4	3
	S	UL	12	5	5	5	5	5	4	3
S-1	NS	UL	11	4	2	3	2	4	3	1
	S	UL	12	5	3	4	3	5	4	2
S-2	NS	UL	11	5	3	4	3	4	4	2
	S	UL	12	6	4	5	4	5	5	3
U	NS	UL	5	4	2	3	2	4	2	1
	S	UL	6	5	3	4	3	5	3	2

- We have Heavy Wood Timber Framing so we are Type IV. There is 3 to 5 stories allowed in our building and we currently have 3.



• Section 506 – Building Area –

TABLE 506.2a, b ALLOWABLE AREA FACTOR (At = NS, SI, SI3R, or SM, as applicable)  
IN SQUARE FEET

OCCUPANCY CLASSIFICATION	SEE FOOTNOTES	TYPE OF CONSTRUCTION								
		TYPE I		TYPE II		TYPE III		TYPE IV	TYPE V	
		A	B	A	B	A	B	HT	A	B
A-1	NS	UL	UL	15,500	8,500	14,000	8,500	15,000	11,500	5,500
	SI	UL	UL	62,000	34,000	56,000	34,000	60,000	46,000	22,000
	SM	UL	UL	46,500	25,500	42,000	25,500	45,000	34,500	16,500
A-2	NS	UL	UL	15,500	9,500	14,000	9,500	15,000	11,500	6,000
	SI	UL	UL	62,000	38,000	56,000	38,000	60,000	46,000	24,000

	SM	UL	UL	46,5 00	28,50 0	42,0 00	28,50 0	45,00 0	34,5 00	18,0 00
A-3	NS	UL	UL	15,50 0	9,50 0	14,00 0	9,50 0	15,00 0	11,50 0	6,00 0
	ST	UL	UL	62,0 00	38,0 00	56,0 00	38,0 00	60,00 0	46,0 00	24,0 00
	SM	UL	UL	46,5 00	28,50 0	42,0 00	28,50 0	45,00 0	34,5 00	18,0 00
A-4	NS	UL	UL	15,50 0	9,50 0	14,00 0	9,50 0	15,00 0	11,50 0	6,00 0
	ST	UL	UL	62,0 00	38,0 00	56,0 00	38,0 00	60,00 0	46,0 00	24,0 00
	SM	UL	UL	46,5 00	28,50 0	42,0 00	28,50 0	45,00 0	34,5 00	18,0 00
A-5	NS	UL	UL	UL	UL	UL	UL	UL	UL	UL

	SI									
	SM									
B	NS	UL	UL	37,50 0	23,00 0	28,50 0	19,00 0	36,00 0	18,0 00	9,00 0
	SI	UL	UL	150,0 00	92,0 00	114,0 00	76,0 00	144,0 00	72,0 00	36,0 00
	SM	UL	UL	112,5 00	69,0 00	85,50 0	57,00 0	108,0 00	54,0 00	27,0 00
E	NS	UL	UL	26,50 0	14,50 0	23,50 0	14,50 0	25,50 0	18,5 00	9,50 0
	SI	UL	UL	106,0 00	58,0 00	94,0 00	58,0 00	102,0 00	74,0 00	38,0 00
	SM	UL	UL	79,50 0	43,50 0	70,50 0	43,50 0	76,50 0	55,5 00	28,5 00

F-1	NS	UL	UL	25,00 0	15,50 0	19,00 0	12,00 0	33,50 0	14,0 00	8,50 0
	SI	UL	UL	100,0 00	62,0 00	76,0 00	48,0 00	134,0 00	56,0 00	34,0 00
	SM	UL	UL	75,00 0	46,5 00	57,00 0	36,0 00	100,5 00	42,0 00	25,5 00
F-2	NS	UL	UL	37,50 0	23,00 0	28,50 0	18,00 0	50,50 0	21,0 00	13,0 00
	SI	UL	UL	150,0 00	92,0 00	114,0 00	72,00 0	202,0 00	84,0 00	52,0 00
	SM	UL	UL	112,5 00	69,0 00	85,50 0	54,0 00	151,50 0	63,0 00	39,0 00
H-1	NSc	21,0 00	16,50 0	11,00 0	7,00 0	9,50 0	7,00 0	10,50 0	7,50 0	NP
	SI									

H-2	NSc										
	SI	21,0 00	16,50 0	11,00 0	7,00 0	9,50 0	7,00 0	10,50 0	7,50 0	3,00 0	
	SM										
H-3	NSc										
	SI	UL	60,0 00	26,50 0	14,00 0	17,50 0	13,00 0	25,50 0	10,0 00	5,00 0	
	SM										
H-4	NSc, d	UL	UL	37,50 0	17,50 0	28,50 0	17,50 0	36,00 0	18,0 00	6,50 0	
	SI	UL	UL	150,0 00	70,0 00	114,0 00	70,0 00	144,0 00	72,0 00	26,0 00	
	SM	UL	UL	112,5 00	52,50 0	85,50 0	52,50 0	108,0 00	54,0 00	19,5 00	

H-5	NSc, d	UL	UL	37,50 0	23,00 0	28,50 0	19,00 0	36,00 0	18,0 00	9,00 0	
	SI	UL	UL	150,0 00	92,0 00	114,0 00	76,0 00	144,0 00	72,0 00	36,0 00	
	SM	UL	UL	112,5 00	69,0 00	85,50 0	57,00 0	1080 00	54,0 00	27,0 00	
I-7	NSd, e	UL		55,00 0	19,00 0	10,00 0	16,50 0	10,00 0	18,00 0	10,5 00	4,50 0
	SI	UL		220,0 00	76,0 00	40,0 00	66,0 00	40,0 00	72,00 0	42,0 00	18,0 00
	SM	UL		165,0 00	57,00 0	30,0 00	49,50 0	30,0 00	54,00 0	31,5 00	13,5 00
I-2	NSd, f	UL	UL	15,00 0	11,00 0	12,00 0	NP	12,00 0	9,50 0	NP	
	SI	UL	UL	60,0 00	44,0 00	48,0 00	NP	48,0 00	38,0 00	NP	

	SM	UL	UL	45,0 00	33,00 0	36,0 00	NP	36,00 0	28,5 00	NP
I-3	NSd, e	UL	UL	15,00 0	10,00 0	10,50 0	7,500	12,00 0	7,50 0	5,00 0
	ST	UL	UL	45,0 00	40,0 00	42,0 00	30,0 00	48,0 00	30,0 00	20,0 00
	SM	UL	UL	45,0 00	30,0 00	31,50 0	22,50 0	36,00 0	22,5 00	15,0 00
I-4	NSd, g	UL	60.5 00	26,50 0	13,00 0	23,50 0	13,00 0	25,50 0	18,5 00	9,00 0
	ST	UL	121,0 00	106,0 00	52,00 0	94,0 00	52,00 0	102,0 00	74,0 00	36,0 00
	SM	UL	181,5 00	79,50 0	39,00 0	70,50 0	39,00 0	76,50 0	55,5 00	27,0 00
M	NS	UL	UL	21,50 0	12,50 0	18,50 0	12,50 0	20,50 0	14,0 00	9,00 0

	SI	UL	UL	86,0 00	50,0 00	74,0 00	50,0 00	82,00 0	56,0 00	36,0 00
	SM	UL	UL	64,5 00	37,50 0	55,50 0	37,50 0	61,50 0	42,0 00	27,0 00
R-1	NSd, h	UL	UL	24,0 00	16,00 0	24,0 00	16,00 0	20,50 0	12,0 00	7,00 0
	SI3R									
	SI	UL	UL	96,0 00	64,0 00	96,0 00	64,0 00	82,00 0	48,0 00	28,0 00
	SM	UL	UL	72,00 0	48,0 00	72,00 0	48,0 00	61,50 0	36,0 00	21,0 00
R-2	NSd, h	UL	UL	24,0 00	16,00 0	24,0 00	16,00 0	20,50 0	12,0 00	7,00 0
	SI3R									
	SI	UL	UL	96,0 00	64,0 00	96,0 00	64,0 00	82,00 0	48,0 00	28,0 00



	SM	UL	UL	72,00 0	48,0 00	72,00 0	48,0 00	61,50 0	36,0 00	21,0 00
R-3	NSd, h									
	SI3R	UL	UL	UL	UL	UL	UL	UL	UL	UL
	SI									
	SM									
R-4	NSd, h	UL	UL	24,0 00	16,00 0	24,0 00	16,00 0	20,50 0	12,0 00	7,00 0
	SI3R									
	SI	UL	UL	96,0 00	64,0 00	96,0 00	64,0 00	82,00 0	48,0 00	28,0 00
	SM	UL	UL	72,00 0	48,0 00	72,00 0	48,0 00	61,50 0	36,0 00	21,0 00

S-1	NS	UL	48,0 00	26,0 00	17,50 0	26,0 00	17,50 0	25,50 0	14,0 00	9,00 0
	SI	UL	192,0 00	104,0 00	70,0 00	104,0 00	70,0 00	102,0 00	56,0 00	36,0 00
	SM	UL	144,0 00	78,0 00	52,50 0	78,0 00	52,50 0	76,50 0	42,0 00	27,0 00
S-2	NS	UL	79,0 00	39,00 0	26,0 00	39,00 0	26,0 00	38,50 0	21,0 00	13,5 00
	SI	UL	316,0 00	156,0 00	104,0 00	156,0 00	104,0 00	154,0 00	84,0 00	54,0 00
	SM	UL	237,0 00	117,0 00	78,0 00	117,0 00	78,0 00	115,50 0	63,0 00	40,5 00
U	NS	UL	35,50 0	19,00 0	8,50 0	14,00 0	8,50 0	18,00 0	9,00 0	5,50 0
	SI	UL	142,0 00	76,0 00	34,0 00	56,0 00	34,0 00	72,00 0	36,0 00	22,0 00

	SM	UL	106,500	57,000	25,500	42,000	25,500	54,000	27,000	16,500
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- 15,000, 33,500 and 36,000 Square ft are allowed for our building type and they different groups that we have in our building for the Building Area.

- Chapter 6: Section 602 - Construction Classification – Read the definitions and determine what type the code classifies your structure as. (What structural materials are you building with? How does the code classify that system?)

## CHAPTER 6: TYPES OF CONSTRUCTION

- Section 601:

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE<sup>a, d, g</sup>

FIRE SEPARATION DISTANCE = X (feet)	TYPE OF CONSTRUCTION	OCCUPANCY GROUP He	OCCUPANCY GROUP F-1, M, S-1f	OCCUPANCY GROUP A, B, E, F-2, I, R, S-2, Uh
$X < 5$	All	3	2	1
$5 \leq X < 10$	IA Others	32	21	11
$10 \leq X < 30$	IA, IB IIB, VB Others	211	101	1c01c
$X \geq 30$	All	0	0	0

\* Fire Rating for our building is 101 and 1c \*

- We have a Fire Resistance Rating Requirement of  $10 \leq X < 30$  feet and the rating is 101 and 1c because we have a ISO 2 which is because of our type IV Heavy Timber Framing. Our columns have to have a two hour coverage or less for fire protection.
- Make note of mixed use and occupancy
  - A few mixed use spaces but the same group. So we will have an exhibition space double as a library or a place you can show case your work.
- Make note of vertical shafts
  - We have two elevators, one that is for public use and one that is a freight elevator. We have three stair cases, one goes only from the ground to first floor while the other two go from the ground to the third floor.
- Make Note of fire resistance of floors and roofs
  - We have fire resistant floors made out of Concrete Composite as well as a Heavy Timber Roof that is fire resistant.

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## **CHAPTER 9: FIRE PROTECTION SYSTEMS**

- Section 903: Automatic Sprinkler Systems – Sprinkler system is required for our A2 and F1 areas
  - Group A2, There needs to be a sprinkler system if:
    - The fire area exceeds 5,000 sq ft
    - There is an occupant load of 100 or more
    - The fire area is located on a floor other than the one you exit on
  - Group A3, There need to be a sprinkler system if:
    - The fire area exceeds 12,000 sq ft
    - There is an occupant load of 300 or more
    - The fire area is located on a floor other than the one you exit on
  - Group B, There arent any rules on if you need a sprinkler system for group B.
  - Group F1, There needs to be an AUTOMATIC Sprinklier system if:
    - The fire area is larger than 12,000 sq ft
    - If the area is more than 3 stories above the ground plane

- The combined area of all F1 areas is more than 24,000 sq ft
- If the area is being used to manufacture furniture or mattress and exceeds 2,500 sq ft.
- Section 905: Standpipe Systems – Wet Standpipe systems only required if Group A buildings don't have a sprinkler system.
  - Group A, Provided in non-sprinkler areas that occupancy load is more than 1,000 for the building.
- Section 907: Fire Alarm and Detection Systems – A fire alarm and detection system is required.
  - Group A, A manual alarm system is required if there is an occupancy load of 300 or more, and if the occupancy load is 1,000 or more than there needs to be an automatic fire alarm system with voice alarm communication.
  - Group B, A manual alarm system needs to be installed when there is an occupancy load of 500 or more on all floors, the occupancy load is 100 above or below the the lowest level of exit, the fire area contains a ambulatory car facility.
  - Group F, A manual fire alarm system needs to be installed when the building is two stories or taller, and there is a combined occupancy load of 500 or more above the level of exit.

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## **CHAPTER 10: MEANS OF EGRESS**

- Section 1004 – Determine the occupancy load per floor
  - After adding all of the occupancy loads per room together per floor:
    - Ground Floor: About 227
    - First Floor: About 315
    - Second Floor: About 107
  - The total occupancy load for the building is about 699.
- Section 1006 – Determine the number of required exits per floor, all requirements for exits
  - On all three floors there doesnt need to be need to be more than 2 exist. On our ground floor we have 5, the first floor we have three and the second floor we have two, So we meet the requirements.

- *Section 1007 – Determine the Exit and Exit Access requirements*
  - *The exit access doorway cannot be more than one half of the longest diagonal length of the floor. With an Automatic Sprinkler system it can be one third of the distance.*
- *Section 1009 – Determine the Accessible requirements*
  - *Stairs have to have a clearing of 48” between handrails and there needs to be an enlarged floor landing.*
- *Section 1010 – Determine the min. door widths (clear), swing direction*
  - *The minimum door widths are 32” wide. They are measured between the face of the door and the stop. The maximum door swing leaf should be 48”. The height of the door should be 80”.*
  - *The door swing should be should be side hinged or pivoted swinging type and it needs to swing in the direction of egress travel.*
- *Section 1005, & 1011 – Determine min stair width and any other requirements.*
  - *The minimin egress corridor width is 32” wide and 80” tall. It is the staircase that goes from the ground floor to the second floor.*
- *Section 1005.3.2 and 1020.2 - Determine min. egress corridor width*
  - *The minimin egress corridor width is 4’ or 48” wide. It is the staircase that goes from the ground floor to the second floor.*
- *Section 1020.4 – Determine the max. corridor length*
  - *It cannot exceed 50 feet in length.*
- *Section 1017.2 – Determine the max. distance of travel to exit (is this to the stair or corridor?)*
  - *The stair to the corridor is about 105 feet to the stairs from the furthest part to the closest stair. The furthest that it can be is 200 ft to the closest corridor.*
- *Section 1020.4 Dead Ends – Determine the max. length of dead end corridor*
  - *We have no dead end corridors in our buildidng.*

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## **ARCHITECTURAL ACCESS REQUIREMENTS**

- *Site access, parking, all elements on path of travel to building entries:*

- We have two parking lots accessible to us so we would need to have 26-50 cars that would need to be able to be parked in the parking lots and the lots have to be within 200 ft of the entrances.
- We need to have walkways accessible to all the spaces you can walk from. (sidewalks, parking lots, bus stops, etc.)
- Accessible Means of Egress: Lobbies, Vestibules, Doors, Stairs, Hallways, etc
  - Entrances, There needs to be a paved walkway or ramp going to it with double doors.
  - Vestibules, There is a minimum of 48" between the opening of the two doors.
  - Stairs, Rise over run has to be <5" (rise) to 1'-1 ½' (run)
- Number of accessible exits and exit access paths required.
  - Exit paths have to be paved and or be a ramp. They also have to be double doors. There must be a sign indicating if it is handicap accessible and there isnt a rule stated for how many exists there should be.

### **TOILET ROOM REQUIREMENTS**

- Our building groups are A2,A3,B and F1 and the Occupancy load per bathroom is, 120 square ft per person, so roughly 3 people can be in each bathroom at a time. The code for our buildings restrooms is:
  - Assembly (Places of Worship - Church, Synagogue etc.).
  - 1. In no case shall there be less than one toilet and one lavatory provided for each sex to accommodate a congregation worship area.
  - 2. Refer to 248 CMR 10.10(15) and (16) for baptistery and Sacarium requirements.
  - 3. For places of worship, which also have a function hall/multi-purpose area, the fixture number requirements for the halls/areas shall be calculated separately.
  - 4. The fixtures are located within 300 feet of toilet facilities in the same building the requirements of 248 CMR 10.10(18)(c)1. and 3. shall not apply