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Building footprint: 4,780 sf
Total Building Area: 9,560 sf
Sprinkler System: No
Fire Alarm System: Yes
NFPA 101 Brief Summary
           Mercantile Class C
           Business
           <del>Industrial</del>
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Ordinary Hazard New construction Occ. Load: 124

Const. Type: VB

IBC Brief summary: Use: Business, Factory, Mercantile

Occ. Load: 99 Const. Type: VB

Detailed Area Information 4,155 sf Tenant Space 1 (Mercantile/Factory Industrial) Business: 1,970 sf Tenant Space 2 (Business): Tenant Space 3 (Business): 1,930 sf

IECC 2009 301.1 Climate Zone 6A 502.2(1) <u>Element:</u> Required: Roofs – Insulation above deck R-20ci min. R-13 + R-7.5 min.Walls – Wood Framed Slab – Unheated R-10 for 24 inches below min. Entrance Doors U-0.80 max. U-0.55 max. Fenestration – all other

Detailed 2015 IBC Code Review Business Group B (offices) 306.3 Low-Hazard factory industrial, Group F-2 309.1 Mercantile Group M (retail/sales room)

Allowable building height in feet above grade plane: Groups B, F, M Type VB Unsprinkled Allowable number of stories above grade plan: Group B Type VB Unsprinkled Group F-2 Type VB Unsprinkled 2 stories Group M Type VB Unsprinkled 1 story Allowable area factor in square feet: Group B Type VB Unsprinkled Group F-2 Type VB Unsprinkled 13,000sf Type VB Unsprinkled 9,000sf Group M

Mixed occupancy, multi-story building. Each story of a mixed-occupancy building with more than one story above grade plane shall individually comply with the applicable requirements of Section 508.1. 508.4 Required separation distance of occupancies:

Occupancy F-2 Occupancy B 2-hrs Occupancy F-2 Occupancy M 2-hrs

Occupancy B Occupancy M No rating required 508.4.4.1 Separation made with fire barriers

Type VB construction: no rating requirements

Fire separation distance 10'≤X<30' VB Ohr ext walls Fire separation distance X≥30' VB Ohr ext walls

Maximum area of exterior wall openings based on fire separation distance and degree of opening protection:

0 to less than 3 feet Unprotected, Nonsprinkled Not permitted 3 to less than 5 feet Unprotected, Nonsprinkled Not permitted 5 to less than 10 feet Unprotected, Nonsprinkled 10% Unprotected, Nonsprinkled 10 to less than 15 feet 15% 20 to less than 25 feet Unprotected, Nonsprinkled 45% Unprotected, Nonsprinkled

Unprotected, Nonsprinkled No limit 30 or greater Parapets shall be provided on exterior walls of buildings except where the following conditions exist: 1. The wall is not required to be fire-resistant rated in accordance with Table 602. The fire resistance rating of fire barrier separating building areas from a shaft shall comply with 713.4.

Interior exit stairwell rating shall comply with 1023.1 707.3.3 Enclosures for exit access stairways rating shall comply with 713.4.

Exit passageway rating shall comply with 1024.3. 707.3.4 707.3.5 Horizontal exit rating shall comply with 1026.1

707.3.9 Fire barriers separated mixed occupancies shall comply with 508.4

Fire barriers shall extend to the top of foundation or floor/ceiling assembly below to the underside of 707.5

the floor or roof sheathing. 708.1 Corridor walls shall be constructed at fire partitions.

708.3 Fire partitions shall have a fire resistance rating of not less than 1-hr

Exception: Corridor walls permitted to have a 1/2 hr rating per 1020.1 708.4 Fire barriers shall extend to the top of foundation or floor/ceiling assembly below to the underside of

Shaft enclosures shall have a minimum fire resistance rating of less than 1 hr when connecting less

Interior Wall and Ceiling Finish Requirements by Occupant:

Interior Exit Stairways & Exit Passageways Corridors & Exit Access Stairs Rooms & Enclosed Spaces B & M (nonsprinklered) Sprinkler not required for Group M less than 12,000 sf

Portable fire extinguishers are required in Group B, F, and M 907.2.2 Group B No fire alarm system required for these circumstances 907.2.4 Group F No fire alarm system required for these circumstances 907.2.7 Group M No fire alarm system required for these circumstances

1004.1.1 Occupancy Load: Business: 8,055sf 100 gross = 81 occupants Industrial: 2,997sf 100 gross = 30 occupants

Mercantile: 1,529sf 60 gross = 26 occupants Total Occupants = 81 occupants 1005.3.1 Min egress width: 0.3" for stairs

Min egress width: 0.2" for other egress components 1006.2.1 Spaces with one exit or exit access doorway: Max Occ Load of Space Maximum path of travel (ft)

100 ft (≤30 occupants)/ 75 ft (>30 occupants) Group B Group F 75 ft

Means of egress illumination shall be in accordance with this section Accessible spaces shall not be provided with less than one accessible means of egress 1009.2 Accessible means of egress shall be continuous to a public way. 1009.3

In order to be considered part of an accessible means of egress, a stairway must have a clear width of 48 inches between handrails and shall incorporate an area of refuge. Exception 3 – The clear width of 48 inches is not required for stairways accessed from stairways in conjunction with a horizontal exit.

Area of refuge signage shall be in accordance with this section.

Areas of refuge shall be provided with two-way communication system.

1010.1 1010.1.2.1	Min clear door width: 32 inches Doors shall swing in the direction of egress travel where serving an occupant load of 50 or more persons.
1011.2	Stair can be 36" clear for occupant load under 50
1011.3 1012.2	Stair headroom shall be not less than 80 inches Ramps used as part of a means of egress shall have a running slope not steeper that one unit vertical
1012.4	in 12 units horizontal. Max ramp rise: 30 inches.
1012.5.1	Min egress ramp width: 36 inches.
1012.6.3 1012.10	Ramp landing length: 60 inches minimum. Edge protection shall be provided on each side of ramp and at ramp landings.
1013.1	Exit signs shall be readily visible from any direction of egress travel.
1016.2	 Egress from a room or space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas and the area served are accessory to one another. An exit access shall not pass through a room that can be locked to prevent egress.
1016.2.1	Where more than one tenant occupies any one floor of a building, each tenant space shall be provided with access to the required exits without passing through adjacent tenant spaces.
1017.2	Maximum exit access travel distance: M 200ft (w/o sprinkler) B 200ft (w/o sprinkler)
	F-2 300ft (w/o sprinkler)
1019.3	Exit access stairways shall be enclosed Exception 1 — Exit access stairways that serve or atmospherically communicate between two stories.
1020.1	Corridor fire resistance rating:
	Occupants served by corridor Required Fire Rating Occupancy B, F, M Greater than 30 1-hr
1020.2	Minimum corridor width: Minimum width
	With an occupant Load less than 50 36
1020.4 1023.2	Dead end corridors shall not exceed 20 ft. Enclosures for interior exit stairs shall be constructed as fire barriers or horizontal assemblies, or both.
	Fire rating shall be 1-hr when connecting less than 4 stories.
1024.2	Min width of exit passageways shall be 44 inches, except exit passageways serving an occupant load of less than 50 then the min width may be reduced to 36 inches.
1024.3	Exit passageway enclosures shall have a rating of not less than 1-hr.
1026.2 1028.1	Min horizontal exit rating to be 2-hrs Exits shall discharge directly to the exterior of the building. The exit discharge shall be at grade or
	shall provide a direct path of egress travel to grade.
1028.1(2)	Not more than 50% of the number and minimum width or required capacity of the interior exit stairways and ramps is permitted to egress through a vestibule provided all of the conditions are met:
	2.1 The entire area of the vestibule is separated from areas below
	2.2 The depth from exterior is not $>$ 10 feet and length not $>$ 30 feet. 2.3 The area is separated from the remainder of the level of exit discharge by a fire partition
	constructed in accordance with section 708.
	2.4. The area is used only for means of earess and exits directly to the outside
1028.5	2.4 The area is used only for means of egress and exits directly to the outside. The exit discharge shall provide a direct and unobstructed access to a public way.
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Detailed NF 4.4.2 6.1.10 6.1.11 6.1.12 6.1.14.4.1 6.2.2.3 7.1.3.1 7.1.3.2.1 7.1.3.2.1 7.1.3.2.1 7.1.5.1 7.1.6.2 7.1.7.1 7.1.7.3.1 7.1.8 7.2.1.3.3	The exit discharge shall provide a direct and unobstructed access to a public way. PA 101 Prescriptive based Mercantile Occupancy (ch. 36) Business Occupancy (ch. 38) Industrial Occupancy (ch. 38) Industrial Occupancy (ch. 40) Mercantile/Business: 2-hrs Mercantile/Business: 2-hrs Business/Industrial: 2-hrs Business/Industrial: 2-hrs Ordinary Hazard of contents Corridors used as exit access and serving an area having an occupant load exceeding 30 shall be separated from other parts of the building by walls having not less than a 1-hr fire resistance rating. Where exit is separated from other parts of the building, the separation shall have a min 1-hr fire resistance rating when connecting three or fewer stories. (8) Openings in exit enclosures shall be limited to door assemblies from normally occupied spaces and corridors and door assemblies for egress from the enclosure. An exit enclosure shall provide a continuous protected path of travel to an exit discharge. Exit enclosure ceiling and floor finishes to be Class A or B. Min egress headroom: 7ft 6 in. Changes in walking surfaces in means of egress shall not exceed 1/4". Changes in elevation exceeding 1/4", but not exceeding 1/2", shall be beveled with a slope of 1 in 2. Changes in level in means of egress shall be achieved by an approved means of egress where the elevation difference exceeds 21 inches. Where a ramp is used, the presence and location of ramped portions of walkways shall be readily apparent. Guards shall be provided at the open sides of means of egress that exceed 30 inches above the floor or finished ground level. Min door leaf width: 32 inches. Max door threshold: 1/2 inch. Raised thresholds and floor level changes in excess of 1/4 inch at door openings shall be beveled with a slope not steeper than 1 in 2. Door leaves required to be of the side-hinged or pivoted-swinging type shall swing in the direction of
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Detailed NF 4.4.2 6.1.10 6.1.11 6.1.12 6.1.14.4.1 6.2.2.3 7.1.3.2.1 7.1.3.2.1 7.1.3.2.1 7.1.3.2.1 7.1.3.2.1 7.1.3.2.1 7.1.3.2.1 7.1.3.2.1 7.1.3.2.1 7.1.3.2.2 7.1.4.1 7.1.5.1 7.1.6.2 7.1.7.1 7.1.7.2.1 7.1.8 7.2.1.2.3.1 7.2.1.3.3 7.2.1.3.4 7.2.1.4.2 7.2.2.2.1.2	PA 101 Prescriptive based Mercantile Occupancy (ch. 36) Business Occupancy (ch. 36) Industrial Occupancy (ch. 40) Mercantile/Business: 2 hrs Mercantile/Industrial: 2 hrs Business Industrial: 2 hrs Business/Industrial: 2 hrs Ordinary Hazard of contents Corridors used as exit access and serving an area having an occupant load exceeding 30 shall be separated from other parts of the building by walls having not less than a 1-hr fire resistance rating. Where exit is separated from other parts of the building, the separation shall have a min 1-hr fire resistance rating when connecting three or fewer stories. (8) Openings in exit enclosures shall be limited to door assemblies from normally occupied spaces and corridors and door assemblies for egress from the enclosure. An exit enclosure shall provide a continuous protected path of travel to an exit discharge. Exit enclosure ceiling and floor finishes to be Class A or B. Min egress headroom: 7ft 6 in. Changes in walking surfaces in means of egress shall not exceed 1/4". Changes in elevation exceeding 1/4", but not exceeding 1/2", shall be beveled with a slope of 1 in 2. Changes in level in means of egress shall be achieved by an approved means of egress where the elevation difference exceeds 21 inches. Where a ramp is used, the presence and location of ramped portions of walkways shall be readily apparent. Guards shall be provided at the open sides of means of egress that exceed 30 inches above the floor or finished ground level. Min door leaf width: 32 inches. Max door thresholds and floor level changes in excess of 1/4 inch at door openings shall be beveled with a slope not steeper than 1 in 2. Door leaves required to be of the side-hinged or pivoted-swinging type shall swing in the direction of egress where serving a room or area with an occupant load greater than 50. Min stair width: 36 inches clear. Min first height: 7 in
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7.2.2.5.1.1 Inside stairs serving as an exit or exit component shall be enclosed.

redistrict accumulation of smoke.

Maximum slope: 1 in 12

Maximum cross slope: 1 in 48

Maximum rise for a single ramp run

all exits that discharge through it.

the capacity shall not be required to be aggregate.

7.2.5.2(a) Minimum clear width: 44 inches

onto the ramp.

landing of the stairs or to the roofline, whichever is lower.

stair enclosure by the same fire-resistant rating as the exit enclosure.

(2) The slope of the landing shall not be steeper than 1 in 48.

7.2.2.5.2.2 Construction shall extend vertically from the finished ground level to a point 10 ft above the topmost

7.2.2.5.3.2(1)Enclosed, usable space shall be permitted under stairs provided the space is separated from the

7.2.2.6.3.1 Outside stairs serving two or fewer adjacent stories, including the store where the exit discharges,

shall be permitted to be unprotected where there is a remotely located second stair.

7.2.5.3.1 (1) All ramps serving as a required means of egress shall be of permanent fixed construction.

The ramp floor and landings shall be solid and without perforation.

Every landing shall have a width not less than the width of the ramp.

7.2.5.6.2 Outside ramps and landings shall be designed to minimize water accumulation on their surfaces.

7.2.6.4.1 The width of an exit passageway shall be sized to accommodate the aggregate required capacity of

7.2.6.4.2 The minimum width of the exit passageway shall be not less than two-thirds of the width of the exit

7.2.5.4.2 Handrails shall be provided along both sides of a ramp run with a rise greater than 6 inches.

Every landing shall not be less than 60 inches long in the direction of travel.

An exit passageway shall be separated from other parts of the building as specified in 7.1.3.2.

An exit passageway that serves as a discharge from a stair enclosure shall have not less than the

same fire resistance rating an opening protective fire protection rating as those required for the stair

(1) Where an exit passageway serves occupants of the level of exit discharge as well as other stories,

Outside stairs shall be not less than 50 percent open on one side. Outside stairs shall be arranged to

Ramps shall have landings located at the top, at the bottom, and at door leaves opening

	7.2.12.2.5	the remainder of The area of refug	the story by a ge shall be pro	horizontal exit. vided with a two-	way communication sys	stem for communication
					I point. The door openir II be identified by signa	ng to the stair enclosure and ge.
	7.2.12.3.1	Each area of refu 200 occupants, I	uge shall be siz based on the c th of a means	zed to accommo occupants served	date one wheelchair sp I by the area of refuge. S	ace of 30 in x 48 in for every Such wheelchair spaces shall e occupant load served and to
	7.2.12.3.4	Each area of refu	uge shall be se	parated from the	remainder of the story	by a barrier having a minim 1-
		hr resistance rati New fire door as		ng an area of refu	uge shall be smoke-leal	kage rated.
	7.2.12.3.4.3	Door assemblies	in the barriers	specified in 7.2.	12.3.4 shall not have le	ss than a 20-minute rating.
		Occupancy Load		entified by a sign	that reads "AREA OF F	KEFUGE
		Business:	8,055sf 2,997sf		= 81 occupants = 30 occupants	
		Mercantile:		-	= 51 occupants	
	7.3.1.1.2	Where more than			= 81 occupants	s shall be of a width and
		capacity that the	loss of any on			not less than 50 percent of the
		required capacit Where an exit se		n one story, only t	the occupant load of ea	ach story considered
		individually shall	be used in cor	nputing the requ	ired capacity of the exit	at that story, provided that the
		required egress Stairway Egress			ased in the direction of	egress travel.
		Level Componer Minimum means			Factor: 0.2	
	7.5.1.3.2	Where two exits	are required, th	ney shall be locat		ss than one-half the length of
					building or area to be s	served. oining or intervening rooms or
		areas, provided	that such room	is or areas are ac	ccessory to the area ser	rved. Foyers, lobbies, and
						strued as intervening rooms. in Chapter 36 or other spaces
		subject to lockin	g.		·	·
					d arranged to be clearly exterior porch or balcor	
	7.5.3.2	The long side of	the balcony or	porch shall be a		and shall be arranged to
	7.5.3.3		ess balconies s	hall be separate	d from the interior of the	
		opening protecti	ves as required	d by corridors, ur	nless the exterior exit ac	cess balcony is served by at
		opening to reach				eling past an unprotected exit access do not exceed
		20ft. Access within the	e allowablo tro	vel distance shall	be provided to not loss	s than one accessible area of
		refuge or one ac	cessible exit p	oviding an acces	ssible route to an exit di	ischarge.
						rier in accordance with Section all discharge to an area of
		refuge.				an arborrargo to arraroa or
		Means of egress Emergency light			nce with this section. this section.	
		0 , 0	0			
					with this section. nce with this section.	
					all be constructed as a	
					fire barrier walls, shall bed for the fire resistance	rating of the fire barrier.
		Minimum fire res (2) 1-hr fire barrie		for the enclosure	of floor openings shall	be:
	9.6	Fire detection, al	arm, and comi	munications syst	ems shall be in accorda	ance with this section.
	Chapter 10	Interior finish, co	ntents, and fur	nishings shall be	in conformance with th	is chapter.
	` ,	Class C mercant				
		Where tenant sp individually class		rated by fire barri	ers with a 2 hour fire ra	ting, each tenant shall be
	36.1.6	No Min construc	tion requireme			
		A single means (distance to the e			s C mercantile occupan	ncy, provided that that travel
		Dead end corrid				an andia and barand
		Common pain o Travel distance s			occupancies classified	as ordinary nazaro.
		Interior wall and				lot class A, alarm not required.
	36.3.5					ories and with less than 12,000
	sf. 36.3.5.3	Portable fire extir	nguishers shall	be provided		
	38.1.6	No minimum cor	nstruction requ	irement.		
•		(2) Not less than(3) Not less than			: cessible from every part	t of every story
	38.2.4.2		equired by 38.	2.4.1(3), shall be		single exit access path for the
	38.2.4.3	A single exit sha	ll be permitted	for a room or are	ea with a total occupant	t load of fewer than 100
		persons, provide (1) The exit shall		•	de at the level of exit dis	charge for the building.
		(2) The total dist	ance of travel f	orm any point, in	cluding travel within the	e exit, shall not exceed 100ft.
						versing of stairs is necessary, ided with complete enclosures.
						within the 15 ft vertical travel
	38.2.5.2.2	Dead-end corrid				
		Common path o				
	38.3.1.1	Vertical opening	s shall be encl	osed.	21	
					Class A or Class B in exi A, B, or C in other areas	its and exit access corridors.
	38.3.4.1	Fire alarm shall b	oe provided if a	any one of the co		
			50 or more ab	ove or below the	e exit discharge level.	
		3. occupancy is None of the abo			pants e don't require fire alarm	1.
	40.1.4.1.1	General Industria	al Occupancy		. son trogano me alam	
		No minimum con A single means			ow and ordinary hazare	d industrial occupancies,
		provided that the	e exit can be re	ached within the		a common path of travel.
	40.2.5	Max Dead End (Common Path c				
		Maximum Travel	Distance to ex	(its (unsprinkled)	: 200 ft	
	40.3.3.2		ceiling finish m	raterials shall be	Class A, B, or C in ope	rating areas.
		A fire alarm system initiation shall be			etection system	
	40.3.4.3.1	The fire alarm sh	all provide occ			
	40.3.5 A7.6	No extinguishme	ent required. Common Path	n Limit*	Dead-End Limit*	Travel Distance* Limit
	New Class C		75 ft		20 ft	150 ft
	New Busines New General	Industrial	75 ft -50 ft		50 ft	200 ft 200 ft
		* Duilding not of	المالية المماسية	itamatia aprialila	r a catama	

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7.2.12.3.4.3 Door assemblies in the barriers specified in 7.2.12.3.4 shall not have less than a 20-minute rating.
7.2.12.3.5.1 Each area of refuge shall be identified by a sign that reads "AREA OF REFUGE"
7.3.1.2 Occupancy Load:
             Business: 8,055sf 100 gross = 81 occupants
              Industrial: 2,997sf 100 gross = 30 occupants
             Mercantile: 1,529sf 30 gross = 51 occupants
                                     Total Occupants = 81 occupants
7.3.1.1.2 Where more than one means of egress is required, the means of egress shall be of a width and
              capacity that the loss of any one means of egress leaves the available not less than 50 percent of the
           Where an exit serves more than one story, only the occupant load of each story considered
              individually shall be used in computing the required capacity of the exit at that story, provided that the
             required egress capacity of the exit is not decreased in the direction of egress travel.
            Stairway Egress Capacity Factor: 0.3
             Level Components and Ramp Egress Capacity Factor: 0.2
            Minimum means of egress width: 36 inches.
            Where two exits are required, they shall be located at a distance not less than one-half the length of
              the maximum overall diagonal dimension of the building or area to be served.
            Exit access from rooms or spaces shall be permitted to be through adjoining or intervening rooms or
             areas, provided that such rooms or areas are accessory to the area served. Foyers, lobbies, and
              reception rooms constructed as required for corridors shall not be construed as intervening rooms.
           Access to an exit shall not be through storerooms other than provided in Chapter 36 or other spaces
              subject to locking.
            Exit access and exit doors shall be designed and arranged to be clearly recognizable.
             Exit access shall be permitted by means of any exterior porch or balcony.
             The long side of the balcony or porch shall be at least 50 percent open and shall be arranged to
              restrict the accumulation of smoke.
           Exterior exit access balconies shall be separated from the interior of the building by walls and
              opening protectives as required by corridors, unless the exterior exit access balcony is served by at
              least two remote stairs that can be accessed without any occupant traveling past an unprotected
              opening to reach one of the stairs, or unless dead ends on the exterior exit access do not exceed
           Access within the allowable travel distance shall be provided to not less than one accessible area of
              refuge or one accessible exit providing an accessible route to an exit discharge.
            To be considered part of an accessible means of egress, a smoke barrier in accordance with Section
            8.5 with not less than a 1-hr fire resistance rating, or a horizontal exit shall discharge to an area of
             Means of egress shall be illuminated in accordance with this section.
            Emergency lighting shall be in accordance with this section.
             Fire barriers shall be constructed in accordance with this section.
             Smoke barriers shall be constructed in accordance with this section.
             Ever floor that separates stories in a building shall be constructed as a smoke barrier.
             Openings through floors shall be enclosed with fire barrier walls, shall be continuous floor to
             floor/roof, and shall be protected as appropriated for the fire resistance rating of the fire barrier.
             Minimum fire resistance rating for the enclosure of floor openings shall be:
             (2) 1-hr fire barriers.
             Fire detection, alarm, and communications systems shall be in accordance with this section.
Chapter 10 Interior finish, contents, and furnishings shall be in conformance with this chapter.
 36.1.4.2.4(3) Where tenant spaces are separated by fire barriers with a 2 hour fire rating, each tenant shall be
             individually classified.
 36.1.6 No Min construction requirement
 36.2.4.3 A single means of egress is permitted in a Class C mercantile occupancy, provided that that travel
             distance to the exit does not exceed 75 ft.
 36.2.5.2.2 Dead end corridors shall not exceed 20 ft.
 36.2.5.3(1) Common path of travel shall not exceed 75 ft in occupancies classified as ordinary hazard.
36.2.6.1 Travel distance shall not exceed 150 ft.
36.3.3.2 Interior wall and ceiling finishes shall be Class A or B.
36.3.4.1 Class A mercantile occupancies shall be provided with a fire alarm. – Not class A, alarm not required.
36.3.5 Automatic sprinkler system not required for occupancies less than 3 stories and with less than 12,000
36.3.5.3 Portable fire extinguishers shall be provided.
           No minimum construction requirement.
           (2) Not less than two separate means of egress
              (3) Not less than two separate exits shall be accessible from every part of every story
             Exit access, as required by 38.2.4.1(3), shall be permitted to include a single exit access path for the
              distances permitted as common travel.
           A single exit shall be permitted for a room or area with a total occupant load of fewer than 100
             persons, provided that the following are met:
              (1) The exit shall discharge directly to the outside at the level of exit discharge for the building.
             (2) The total distance of travel form any point, including travel within the exit, shall not exceed 100ft.
             (3) The total distance of travel shall be on the same floor level, or if traversing of stairs is necessary,
             such stairs shall not exceed 15 ft in height, and the stairs shall be provided with complete enclosures.
             (4)A single outside stair shall be permitted to serve all floors permitted within the 15 ft vertical travel
38.2.5.2.2 Dead-end corridors shall not exceed 20 ft.
 38.2.5.3.3 Common path of travel shall not exceed 75 ft.
 38.2.6.2 Travel distance shall not exceed 200ft.
           Vertical openings shall be enclosed.
38.3.1.1
38.3.3.2.1 Interior wall and ceiling finish material shall be Class A or Class B in exits and exit access corridors.
38.3.3.2.2 Interior wall and ceiling finishes shall be Class A, B, or C in other areas.
38.3.4.1 Fire alarm shall be provided if any one of the condition exists
              1. Building is 3 or more stories in ht.
             2. Occupancy is 50 or more above or below the exit discharge level.
             3. occupancy is subjected to 300 or more occupants
             None of the above conditions apply. Hence, we don't require fire alarm.
40.1.4.1.1 General Industrial Occupancy
40.1.6 No minimum construction requirements
40.2.4.1.2 A single means of egress shall be permitted in low and ordinary hazard industrial occupancies;
             provided that the exit can be reached within the distance permitted as a common path of travel-
            Max Dead End Corridor (unsprinkled): 50 ft
            Common Path of Travel (unsprinkled): 50 ft
40.2.6 Maximum Travel Distance to exits (unsprinkled): 200 ft
40.2.9.1 Emergency lighting shall be provided
 40.3.3.2 Interior wall and ceiling finish materials shall be Class A, B, or C in operating areas.
40.3.4.1 A fire alarm system is required if building occupant load is over 100.
40.3.4.2 Initiation shall be manual or via automatic fire detection system.
40.3.4.3.1 The fire alarm shall provide occupant notification.
40.3.5 No extinguishment required.
A7.6
                             Common Path Limit* Dead-End Limit* Travel Distance* Limit
New Class C Mercantile 75 ft
                                                          <del>20 ft -----</del>
                                                          20 ft
                                                                                 200 ft
New Business
 New General Industrial 50 ft
                                                          <del>- 50 ft - -</del>
                                                                                 <del>200 ft</del>
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7.2.12.3 Where the exit providing egress from an area of refuge to a public way includes stairs, the clear width

of landings and stair flights, measured between handrails shall not be less than 48 inches.

(1) The minimum 48 inch clear width shall not be required where the area of refuge is separated from

* Building not equipped with automatic sprinkler system ADA Title III states that the building does not require the installation of an elevator that is less than 3 stories or has less than 3000 sf per story.

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