			SYMBOL-		PROTECTIVE ELEMENTS	i 🗆			
GENERAL INFORMATION				EXIT - EXTERIOR		1			
LOCATION: 180 NW Oldham Pkwy Lee's Summit, MO 64081						í I			
			→ <u></u>	EXIT - INTERIOR (Assembly occ. over 50 and exits from floors.)		1			
REASON FOR SUBM	ITTAL: RENOVATION			FIRE EXTINGUISHER 75' Max. Travel Distance	Existing Non-comforming	í I			
PROJECT DESCRIPTION			FDC	FIRE DEPARTMENT CONNECTION	PER LOCAL JURISDICTION - 5" Storz - Lawrence KS				
Single story renovation of an existing retail facility. The proposed new use will be an A1 Assembly	for a small theater group.		FACP	FIRE ALARM CONTROL PANEL	Main fire alarm control panel located in an readily observable location.	i			
APPLICABLE CODES - LEE'S SUMMIT	2018 - International Building Code	2017 - NFPA 70 (NEC)		FIRE ALARM ANUNUCIATOR	Remote if needed per size of building and equipped with	1			
	2018 - International Building Code 2018 - International Mechanical 2018 - International Plumbing Code	2017 - INFPA 70 (NEC) 2018 - International Fire Code Kansas Fire Prevention Code	FAA	NON PROTECTED EXIT PATH	microphone on voice systems Non - Rated per exception of fully sprinkler protected throughout.	i l			
	2018 - International Fuel Gas Code 2018 - International Energy Conserv					1	SNNS	YPE: N	
OCCUPANCY/ STRUCTURAL CLASSIFICATION	2016 - NFPA 13 2016 - NFPA 72	K.S.A. 44-913 et seq	ΡΡ	LIMITED PROTECTED EXIT PATH	Automatic Smoke Detection Throughout Exit Path.	í I	GOULD EVANS	PROJECT TYP RENOVATION	
Occupancy Classification: A1	Construction Type: II-B	(Non-Sprinklered)		PROTECTED EXIT PATH	1 hour Fire Partition wall construction. 20-minute rated door assembly. Fire & Smoke Dampers.	1	SOULI	ROJE	
The building has 1 story. The primary structure is constructed of st of metal panel/metal framing. The interior walls are of constructed				PROTECTED EXIT PATH	.5 hour Fire Partition wall construction. 20-minute rated door	i ——			
BUILDING HEIGHTS AND AREAS			×Ž × Z ×	(sprinklered R occupancy)	assembly. Fire & Smoke Dampers. Limited Sprinkler Coverage	i l			
Basic Allowable	Section 506.2	Total GSF = 3,470 sq. ft.		SPECIAL COVERAGE		1			
Type IIB Assembly. 9,500 sf total allowable area permitted.		1st Floor = 3,470 sq. ft. Roof Access = Non occ		1 HOUR EXIT PASSAGEWAY	1-hour Fire Barrier wall construction. No openings other than required exit doors. 1-hour door assembly.	1			
ACTUAL GROSS SQUARE FOOTAGE: 3,470 GSF, 1 story		Null Access Null Coo	2.2	2 HOUR EXIT PASSAGEWAY	2-hour Fire Barrier wall construction. No openings other than required exit doors. $1\frac{1}{2}$ -hour door assembly.				
OCCUPANCY TYPE				1 HOUR EXIT ENCLOSURE (vertical) (stairwell - 3 stories)	1-hour Fire Barrier wall construction. No openings other than required exit doors. 1-hour door assembly.	í I			
A3			22	2 HOUR EXIT ENCLOSURE	2-hour Fire Barrier wall construction. No openings other than	í I			
GENERAL BUILDING LIMITATIONS	Section 602			(vertical) (stairwell - 4 stories or more) 1 HOUR FIRE BARRIER	required exit doors. $1\frac{1}{2}$ -hour door assembly. 1 hour Fire Barrier wall construction. $\frac{3}{4}$ -hour rated door assembly. Fire				
STRUCTURAL FIRE RATINGS	Table 601			(Occupancy and Elevator Shafts) 2 HOUR FIRE BARRIER	Dampers. (edit Fire Damper requirement as necessary for sprinklered buildings) 2 hour Fire Barrier wall construction. 1 $\frac{1}{2}$ -hour rated door	í I			
Structural frame including columns, girders & trusses: 0 Bearing exterior walls: 0				(Occupancy and Elevator Shafts)	assembly. Fire Dampers.	L L			
Bearing interior walls: 0				3 HOUR FIRE BARRIER (Occupancy)	3 hour Fire Barrier wall construction. 3 -hour rated door assembly. Fire Dampers.	OUP			
Nonbearing exterior walls & partitions:0Nonbearing interior walls & partitions:0				4 HOUR FIRE BARRIER (Occupancy)	4 hour Fire Barrier wall construction. 3-hour rated door assembly. Fire Dampers.	GRO	NO		REV:
Floor construction including supporting beams & joists: ⁰ Roof construction including supporting beams & joists: ⁰			-2-2-	2 HOUR FIRE WALL (Building Separation)	2-hour Fire Wall construction per IBC 705. 1 $\frac{1}{2}$ -hour door assembly. Fire dampers when ductwork is allowed to penetrate		ATIC		:
ACTIVE LIFE SAFETY SYSTEMS:		KEY PLAN 1" = 400'	-3-3-	3 HOUR FIRE WALL	Weather Fire Wall construction per IBC 705. 3-hour door assembly. Fire dampers when ductwork is allowed to penetrate wall	ATI	A		(ED E
Smoke Detection Required/Provided: Per NFPA 72	NW Oblien Rd			(Building Separation) 4 HOUR FIRE WALL	4-hour Fire Wall construction per IBC 705. 3-hour door assembly.	THE/	6		CHEC
Exit Signs: Required/Provided: Provided		NWOblien Rd		(Building Separation)	Fire dampers when ductwork is allowed to penetrate wall 1-hour Fire Barrier wall construction. 1-hour door assembly.	Ē	Z		0 0)
Emergency Lights:Required/Provided: ProvidedFire Extinguishers:Required/Provided: Per NFPA 10				(3 stories or less)	Fire/Smoke Dampers.	SUMMIT	RENO		N BY:
	PB A Key		22	2 HOUR SHAFT (4 stories or more)	2-hour Fire Barrier wall construction. 1 $\frac{1}{2}$ -hour door assembly.				DRAWN
		Constant United States		SPRINKLERED INCIDENTAL USE AREAS	Wall construction to resist the passage of smoke from floor to floor to F.R. floor/ceiling assembly. Self-or automatic closing doors with no air transfer grilles.	S			
				FIRE PARTITIONS (dwelling/unit separation) (I-1 and R occupancies)	1-hour fire-resistance rated walls. $\frac{3}{4}$ -hour rated door assembly. Fire Damper.				DATE: 12/30/2020
IMPORTANT - ANY DEVIATIONS FROM THIS DOCUMENT MAY RESULT IN THE DELAY OF ISSUING THE CERTIFICATE OF OCCUPANCY. CHANGES AFFECTING THIS CODE FOOTPRINT SHALL BE		A REAL PROPERTY OF A REAL PROPER	0 0	SMOKE BARRIERS (I-2 and I-3 occupancies)	1-hour fire-resistance rated walls. 20-minute rated door assembly. Smoke Damper.				12/3
DOCUMENTED BY THE CONSULTANT AND APPROVED BY THE AGENCIES BELOW	miles X Ba		<u>198 / 39.6"</u> 68"	ACCUMULATED EXIT WIDTH AT REQUIRED EXIT (clear width)	Occupants / Required width Provided width				
				PUBLIC FIRE HYDRANT (show distance to fire truck)					
Summit Theatre Group DATE	NOV. MULTAY R		STOR / A3	ROOM DESIGNATION	Room type / Occupancy type Room Number / Maximum Allowable occupants	-			
Lee Summit Permit DATE	Lay, Rd		100 / 1 40 80	SHOW ACCUMULATED OCCUPANT LOADS		ſ			
	NAVEN	Strong Strong		FOR COMPLEX EXIT PATHS (when applicable NEW CONSTRUCTION	/				
	PB2 ABUIN			EXISTING CONSTRUCTION					
DATE 12/20/2020						t l			
DATE - 12/30/2020 REFERENCED SHEET - A1	L	 180 NW Oldham Pkwy Lee's Summit, MO 64081 		FIRE STANDPIPE CONNECTION	W = Wet standpipe				
						CC	ODE FO	OTPRIN	NT
						,			



11' - 0"

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door

DATE - 12/30/2020 **REFERENCED SHEET - A2**

Plumbing Fixture Schedule

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Room Name	Fixture	Required	Count		
Level 1					
Circulation	Drinking Fountain (Double)	1	1		
Circulation	Service Sinks	1	1		
Men WC	SINK	1	1		
Men WC	WATER CLOSET	1	1		
Women WC	SINK	1	1		
Women WC	WATER CLOSET	1	1		

Code Plan Legend:

Egress Path of Travel	100'		
Common Path of Travel Distance —			
Egress Point	EXIT		
Maximum # of Occupants (b Required # of Occupants—	by width) 100 / 50		
Stair Egress	Stair #1 4'-0"		
Maximum # of Occupants (b Required # of Occupants	by width)28/14		
Occupancy Tag	Room name B: 200 SF = 2P		
Occupancy Group Area Occupant Load	B. 200 SF - 2P		
•			
Fire Extinguisher Radius	75' Typ		
	75 Typ		
1-Hour: Fire Rated Assembly			
2-Hour: Fire Rated Assembly			
3-Hour: Fire Rated Assembly			
4-Hour: Fire Rated Assembly			
Smoke Barrier			
Smoke Partition			
Ventilation Summary:			

Ventilation Summary: Existing unit: 10 ton unit. 800 cfm outside air. OA required = 10cfm/person + area *.06 OA required = 10cfm/64 + 2548*.06OA required = 645 + 153 = 798

Level 1 - Code Plan