

		Cumberland				
		Store # 5 Portland, ME				
		Code Analy				
	Cumberland Farms 512 Woodford Street Portland, ME 04103					
j Code	International Building Cod	e 2009				
ral Code	International Building Cod					
Codes Code	ADA Accessibility Guidelines 2009 Internation Energy conservation Code					
ng Code	Fuel Gas and Plumbing C	ode				
nical Code	The International Mechani		on			
de	NFPA 101 Life Safety Code         2009 IC Specific Setions					
Code	NFPA 70 National Electric	Code				
	The subject building is exi occupancy is M- Mercantil		1 story, Type 2B constru	uction – combustible, unpr	otected. The proposed	
naracteristics		l .				
tage		1 Existing = 3,345 square	feet	Proposed = 3,345 squa	re feet	
oublic area (Prop	osed)	Mercantile (Public) = 1,4	130 square feet	Non-retail area (Non-pu	ublic) = 1,915 square feet	
y Classification		M - Mercantile				
d Modification	The areas limited by table sprinkler system protection			ntage (If) and automatic		
,	$Aa = \{At + [At X If] + [At X If] \}$					
	Allowable Area per floo Proposed Area per floo	or (Construction Type 2B)	)			
	At = Tabular area per stor		le 503 (square feet)			
	If = Area increase factor d	-				
	Is = Area increase factor c					
	Where a building has mor minimum width of 20 feet,	the frontage increase sha				
	following (the maximum va	alue of W/30 is 1):				
/	If = [ F/ P - 0.25] W / 30			\$		
e (Chapter 6)	2B Non-Combustable					
uirements (Cha	apters 6, 7 AND 10)					
girders and	Table 601			0 hour		
alls	Separation Distance					
	Greater than 30 feet (Tabl	Greater than 30 feet (Table 602)			0 hour	
ings	Maximum area of unprotected exterior wall openings (Table 705.8)			No Limit		
g beams and	Table 601			0 hours		
g beams and	Table 601			0 hours		
Chapter 8)						
uirements					٥.	
stems (Chapte	r 9) NOT APPLICABLE			Class C or Better		
003.2.7)	An Automatic sprinkler sys				cy where the Group M fire	
0)	area exceeds 12,000 squa	are reet. (Not Required b		e leel)		
ss Travel	With Out Fire Sprinkler Sy	rstem	Occupancy M	200 feet		
y of Exits and N	lumber of Exits					
Use	Occupancy load (Table 1004.1.2)	Egress width (Table 1005.1)		No of Exits Required (1021.1)	No. of Exits Provided	
	1004.1.2)	Stairs	Doors			
М	1,430 sf / 30 gross =	N/A	48 x .2" = (9.6) 10"	No of Exits Required	2 Exits Provided = 1 @	
	(47.6) 48 persons			2 @ 11"	72", 1 @ 36" = 108"	
М	1,915 sf / 300 gross =	N/A	6 x .2" = (1.2) 1"	1		
Egress Width	(6.38) 6 persons		pors	ct2	irways	
occupant (1005.1)		0.2"		0.3"		
isle (1017.2) iit Passageway (1023.2) airway (1009.1) gress door (1008.1.1)		36" 44"				
		44" 32" clear				
gy Conservatio				I		
te Zone 5A						
Requirements	s - Opaque Assemblies (Ta ely above deck	aນເຍ ວບ2.2(1))	R-20 Contin	nuous Insulation		
pove Grade - masonry and other		R-20 Continuous Insulation R-13 + R-3.8ci (Continuous Insulation)				
eated Slab on Grade Floors		R-3 Thermal Break at Wall to Floor Joint, R-7.5 for 24" below				
Dpaque Door - s	swinging 5 - Fenestration (Table 502	2.3)	0.7 U-V	/alue (max)		
ew Window Ass	semblies			/alue (max)		
Projection Facto	or <0.25 Building code NH, RI, CT		.40 S⊦	IGC (max)		
able 2902.01		, m∟, v I, F ∟, NIT				
lassification	Fixture Type	Min. Required (Table 1)	Occupants	Fixtures Required	Fixtures Provided	
ercantile	Water Closets	(Table 1) Female 1 per 500	27	1	1	
		Male 1 per 500	27	1	1	
	Urinals Lavatories each sex	less than 50% of fixt.			0	
	Lavatories each sex Drinking Fountain	1 per 750 1 per 1,000	1 each sex 60	1 ea. 0	1 ea. 0	
	setts (Not Applicable)	1		-	· · · · · · · · · · · · · · · · · · ·	
R)	Fixture Type	Min. Required	Occupants	Fixtures Required	Fixtures Provided	
lassification		(Table 1)				
lercantile	Water Closets	Female 1 per 20 Male 1 per 20				
	Urinals	33% of fixt.				
	Lavatories each sex	1 Per 40				
	Drinking Fountain	Not Required				

Project Title: Cumberland Farms Store # 5613 512 Woodford Street

## Portland, ME



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Title CODE SUMMARY & EGRESS PLAN

Date Drawing No.

