



9

10

OVERALL BUILDING AREA													
LEVEL		BUILDING AREA (GROSS)											
I		6,266 SF											
TOTAL		6,266 SF											
APPLICABLE CODES & REGULATIONS													
2018		INTERNATIONAL BUILDING CODE (IBC)											
2018		INTERNATIONAL FUEL GAS CODE (IFGC)											
2012		INTERNATIONAL MECHANICAL CODE (IMC)											
2018		INTERNATIONAL PLUMBING CODE (IPC)											
2012		INTERNATIONAL FIRE CODE (IFC)											
2017		NATIONAL ELECTRICAL CODE (NEC)											
2018		INTERNATIONAL ENERGY CONSERVATION CODE (IECC)											
2010		ADA STANDARDS FOR ACCESSIBLE DESIGN											
OCCUPANCY CLASSIFICATION												IBC CH 3	
OCCUPANCY		GROUP B (BUSINESS)											
SPECIAL REQUIREMENTS												IBC CH 4	
N/A													
CONSTRUCTION CLASSIFICATION												IBC CH 5	
CONSTRUCTION TYPE		TYPE VB - NON-SPRINKLERED											
HEIGHT		ALLOWABLE: 40'-0"								ACTUAL: 28'-4"			
# OF STORIES		ALLOWABLE: 2								ACTUAL: 1			
HEIGHT MODIFICATIONS		N/A											
AREA PER FLOOR		ALLOWABLE: 9,000 SF/STORY								ACTUAL: LEVEL 1 - 6,266 SF			
AREA MODIFICATIONS : PER IBC CH 5, BUILDING AREAS LIMITED BY TABLE 503 SHALL BE PERMITTED TO BE INCREASED DUE TO FRONTAGE AND AUTOMATIC SPRINKLER SYSTEM PROTECTION													
FRONTAGE INCREASE (I)		BLDG PERIMETER (P) = 334'-8" BLDG FRONTAGE W/ OPEN SPACE ≥ 30' (F) = 167'-4" WIDTH OF OPEN SPACE (W) = 30'-0"  $I_f = [F/P - 0.25]W/30$ $I_f = [167'-4"/334'-8" - 0.25]30/30 = 0.25$											
ALLOWABLE AREA (A <sub>1</sub> )		$A_1 = [A_c + (N5 \times I_f)]$ $A_1 = [9,000 + (9,000 \times 0.25)] = 11,250 \text{ SF ALLOWABLE}$											
FIRE RESISTANCE - STRUCT. ELEMENTS												IBC CH 6	
RESISTANCE REQUIRED BY IBC TYPE TABLE 601													
CONSTRUCTION TYPE : VB													
		RESISTANCE REQUIRED				RESISTANCE PROVIDED							
						RATING			ACHIEVED BY				
BUILDING ELEMENT - STRUCTURAL													
PRIMARY STRUCTURAL FRAME (PER CH 2 WITH RATING NOT LESS THAN CH 7)													
COLUMNS		STRUCTURAL MEMBERS HAVING DIRECT CONNECTION TO COLUMNS - BEAMS, GIRDERS, TRUSSES, AND SPANDRELS				O HR			-		-		
BEARING WALLS		EXTERIOR WALLS (RATING NOT LESS THAN CH 6 OR CH 7)				O HR			-		-		
		INTERIOR WALLS				O HR			-		-		
NON BEARING WALLS AND PARTITIONS													
EXTERIOR WALLS (BASED ON FIRE SEPARATION DISTANCE PER CH 6)		O HR				-			-		-		
NON BEARING WALLS AND PARTITIONS													
INTERIOR WALLS (RATING NOT LESS THAN REQUIRED BY SECTIONS OTHER THAN SECTION 6)		O HR				-			-		-		
FLOOR CONSTRUCTION AND SECONDARY MEMBERS (PER CH 2)													
FLOOR CONSTRUCTION HAVING DIRECT CONNECTIONS TO THE COLUMNS		O HR				-			-		-		
ROOF CONSTRUCTION AND SECONDARY MEMBERS (PER CH 2)													
ROOF CONSTRUCTION HAVING DIRECT CONNECTIONS TO THE COLUMNS		O HR				-			-		-		
MEANS OF EGRESS												IBC CH 10	
		REQUIRED:							PROVIDED:				
TRAVEL DISTANCE TO EXIT		200'-0" MAX							58'-5"				
COMMON PATH OF TRAVEL		75'-0" MAX							29'-6"				
DEAD END LENGTH		20'-0" MAX							6'-4"				
STAIRWAY WIDTH		N/A							N/A				
EGRESS WIDTH (OTHER THAN STAIRWAYS)		$4 \times \text{OCCUPANTS} \times 0.3' / \text{OCC} = 12.3'$							$113 \text{ OCCUPANTS} \times 0.3' / \text{OCC} = 34'$				
EGRESS OCCUPANTS (DESIGN LOAD)		LEVEL 1: BUSINESS AREAS 5,791 SF / 150 SF / OCC (GROSS55)							OCCUPANT COUNT 38.61				
		ACCESSORY STORAGE 475 SF / 300 SF / OCC (GROSS55)							1.58				
		TOTAL:							40.19				
		OCCUPANT LOAD:							41 OCCUPANTS				
PLUMBING FIXTURE TABULATIONS												IBC CH 29	
		ACTUAL LOAD CALCULATIONS											
OCCUPANCY		OCCUPANT LOAD (ACTUAL)		WC			LAV			BATH/ SHOWER		DRINKING/ FOUNTAIN/SINKS	
				M	F	USX	M	F	USX				
B - BUSINESS		41 20.5 EA M / F		0.82	0.82	-	0.51	0.51	-	-	0.41	1	
TOTAL REQUIRED				0.82	0.82	-	0.51	0.51	-	-	0.41	1	
TOTAL PROVIDED				-	-	2	-	-	2	1	2	1	

11	12
<b>OCCUPANCY LEGEND</b>	
	ACCESSORY STORAGE, MECHANICAL EQUIP ROOM
	BUSINESS AREAS - IBC 201 &
<b>PLAN LEGEND</b>	
	FIRE EXTINGUISHER CABINET
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM HORN
	FIRE ALARM STROBE
	FIRE ALARM HORN/STROBE
	FIRE ALARM HORN/STROBE-CEILING MT
	FIRE ALARM CONTROL PANEL
	ILLUMINATED EXIT SIGN
	EXIT DISCHARGE W/ CLEAR EXIT WIDTH
	DISTANCE OF TRAVEL
	2 - HR FIRE BARRIER

<b>LIFE SAFETY PLAN</b>  	<b>FRANKLIN CO. ANIMAL CONTROL FACILITY</b>  GEORGE FRALEY PARKWAY WINCHESTER, TN 37398	<b>G2.01</b>																								
<p style="text-align: center;"><b>GMC</b></p> <hr/> <p>Goodwyn Mills Cawood, LLC          3310 West End Avenue, Suite 420          Nashville, TN 37203          T 615-333-7200  <a href="http://GMCNETWORK.COM">GMCNETWORK.COM</a></p>																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">ISSUE</th> <th style="width: 50%;">DATE</th> </tr> </thead> <tbody> <tr><td>PERMIT DOCUMENTS</td><td>12-12-2023</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		ISSUE	DATE	PERMIT DOCUMENTS	12-12-2023																			<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>DRAWN BY:</td></tr> <tr><td>CHECKED BY:</td></tr> </tbody> </table>	DRAWN BY:	CHECKED BY:
ISSUE	DATE																									
PERMIT DOCUMENTS	12-12-2023																									
DRAWN BY:																										
CHECKED BY:																										
GMC # ANAS230037																										