

## FIRE NOTES

ILLUMINATED EXIT SIGNS SHALL BE PROVIDED THROUGHOUT THE BUILDING. ALL EXIT SIGNS SHALL HAVE BATTERY BACKUP.

THIS BUILDING SHALL BE PROVIDED WITH APPROVED BATTERY POWERED EMERGENCY LIGHTING TO ILLUMINATE ALL REQUIRED MEANS OF EGRESS.

DOORS SHALL BE ARRANGED TO BE OPENED READILY FROM THE EGRESS SIDE WHENEVER THE BUILDING IS OCCUPIED. LOCKS, IF PROVIDED, SHALL NOT REQUIRE THE USE OF A KEY, A TOOL, OR SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE EGRESS SIDE.

EMERGENCY LIGHTING UNITS ARE TO BE WIRED INTO THE NORMAL LIGHTING CIRCUIT AND ARRANGED AS TO PROVIDE THE REQUIRED ILLUMINATION AUTOMATICALLY IN THE EVENT OF ANY INTERRUPTION OF NORMAL LIGHTING SUCH AS ANY FAILURE OF PUBLIC UTILITY OR OUTSIDE ELECTRICAL POWER SUPPLY, OPENING OF A CIRCUIT BREAKER OR FUSE, OR ANY MANUAL ACTS INCLUDING ACCIDENTAL OPENING OF SWITCH CONTROLLING NORMAL LIGHTING FACILITIES.

EVERY CLOSET DOOR LATCH SHALL BE SUCH THAT CHILDREN CAN OPEN THE DOOR FROM THE INSIDE OF THE CLOSETS.

EVERY BATHROOM DOOR LOCK SHALL BE DESIGNED TO PERMIT OPENING OF THE LOCKED DOOR FROM THE OUTSIDE IN A EMERGENCY. THE OPENING DEVICE SHALL BE READILY ACCESSIBLE TO ANYONE OUTSIDE THE DOOR.

THE ELEVATION OF THE FLOOR SURFACES ON BOTH SIDES OF A DOOR SHALL NOT VARY BY MORE THAN 1/2". THE ELEVATION SHALL BE MAINTAINED ON BOTH SIDES OF THE DOORWAY FOR A DISTANCE NOT LESS THAN THE WIDTH OF THE WIDEST LEAF. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2" IN HEIGHT. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES IN EXCESS OF 1/4" SHALL BE BEVELED WITH A SLOPE OF NOT STEEPER THAN 1 IN 2.

A LATCH OR OTHER FASTENING DEVICE ON A DOOR SHALL BE PROVIDED WITH A RELEASING DEVICE HAVING AN OBVIOUS METHOD OF OPERATION AND THAT IS READILY OPERATED UNDER ALL LIGHTING CONDITIONS. THE RELEASING MECHANISM FOR ANY LATCH SHALL BE NOT LESS THAN 34" AND NOT MORE THAN 48" ABOVE FINISH FLOOR. DOORS SHALL BE OPERABLE WITH NOT MORE THAN ONE RELEASING OPERATION.

EVERY EXTERIOR AND INTERIOR WALL AND PARTITION SHALL BE FIRE STOPPED AT EACH FLOOR LEVEL, AT THE TOP STORY CEILING LEVEL, AND AT THE LEVEL OF SUPPORT FOR ROOFS.

PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED, INSPECTED, AND MAINTAINED IN ACCORDANCE WITH NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS

## PLUMBING FIXTURE COUNT

TABLE 403.1

OCCUPANCY CLASSIFICATION: A-2 RESTAURANT

TOTAL OCCUPANT LOAD: 44

NO. OF MALE OCCUPANTS: 22

NO. OF FEMALE OCCUPANTS: 22

GENDER	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS		SERVICE SINKS	
	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
MALE	1 PER 75	1	1 PER 200	1	0*	0	1	1
FEMALE	1 PER 75	1	1 PER 200	1				

\* NO DRINKING FOUNTAIN REQUIRED PER 2012 IPC SECTION 410.1

### CODE INFORMATION & LIFE SAFETY PLAN LEGEND

FIRE RESISTANT RATING LEGEND	
	1/2 HR. WALL
	1 HR. WALL
	2 HR. WALL
	3 HR. WALL
	DESIGN TRAVEL DISTANCE
	DESIGN COMMON PATH
	SECOND MEANS OF EGRESS PATH
	FIRE EXTINGUISHER

DOOR: 36" EXPT. MAX. 36" MAX. 36" MAX. 36" MAX.

EGRESS LOADS MARKER

USE GROUP: B, 100

TOTAL OCCUPANCY BY USE GROUP

## OCCUPANCY LOAD CALCULATION BY SPACE USE

SECTION 1004.1 DESIGN OCCUPANT LOAD

TOTAL BUILDING OCCUPANTS

CUSTOMER SEATING AREA	490 NSF / 15 NSF PER OCCUPANT	= 33 OCCUPANTS
CUSTOMER QUEUEING AREA	20 NSF / 5 NSF PER OCCUPANT	= 4 OCCUPANTS
KITCHEN & SERVICE AREA	1,225 GSF / 200 GSF PER OCCUPANT	= 7 OCCUPANTS

TOTAL OCCUPANT LOAD = 44 OCCUPANTS

## EGRESS

SECTION 1005.2 MINIMUM REQUIRED EGRESS WIDTH

STAIR (1005.3.1)	= .3
OTHER (1005.3.2)	= .2

SECTION 1014 EXIT ACCESS

SECTION 1014.3 COMMON PATH OF EGRESS TRAVEL

B - USE GROUP	75' MAX.
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SECTION 1016 EXIT ACCESS TRAVEL DISTANCE

TABLE 1016.2 EXIT ACCESS TRAVEL DISTANCE	200' MAX.
B - USE GROUP	200' MAX.

SECTION 1018.2 CORRIDOR WIDTH

44" MIN.
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SECTION 1018.4 DEAD END CORRIDOR

20' MIN.
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TABLE 1021.1 MIN. NUMBER OF EXITS REQUIRED

1 (2 PROVIDED)
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## SCOPE OF WORK

THE PROJECT CONSISTS OF THE RE-MODELING OF AN EXISTING VACANT BUILDING (FORMERLY A RESTAURANT) INTO A DUNKIN DONUTS RESTAURANT W/ DRIVE THRU - WORK TO INCLUDE:

EXTERIOR: DEMOLITION OF THE EXISTING MANSARD ROOF OVERHANG, WALK-IN BOX AND ENTRY VESTIBULE. CONSTRUCTION OF NEW DRIVE THRU BUMP-OUT AND WINDOW, NEW EXTERIOR WALK-IN BOX, CANOPIES AND NEW FINISHES.

INTERIOR: DEMOLITION OF EXISTING, NON LOAD-BEARING PARTITIONS, FINISHES, FIXTURES, EQUIPMENT AND MILLWORK. CONSTRUCTION OF NEW PARTITIONS, FINISHES, FIXTURES, EQUIPMENT AND MILLWORK. INSTALLATION OF NEW MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.

THIS WORK IS CONSISTENT WITH ALTERATION - LEVEL 3 OF THE EXISTING BUILDING CODE

## APPLICABLE CODES

BUILDING	2012 INTERNATIONAL BUILDING CODE
MECHANICAL	2012 INTERNATIONAL EXISTING BUILDING CODE
ELECTRICAL	2011 NATIONAL ELECTRICAL CODE
PLUMBING	2012 INTERNATIONAL PLUMBING CODE
FIRE - LIFE SAFETY	2012 INTERNATIONAL FIRE CODE
ENERGY	2012 INTERNATIONAL ENERGY CONSERVATION CODE
FUEL GAS	2012 INTERNATIONAL FUEL GAS CODE
ACCESSIBILITY	ANSI 117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

SUPPLEMENTED / AMENDED: CITY OF BRISTOL, TN - BUILDING, FIRE, AND RELATED CODES

## GENERAL BUILDING DATA

SECTION 302 BUILDING USE AND OCCUPANCY GROUP	B - ASSEMBLY / LESS THAN 50 OCCUPANTS
EXISTING USE	B - ASSEMBLY / LESS THAN 50 OCCUPANTS
PROPOSED USE	B - ASSEMBLY / LESS THAN 50 OCCUPANTS
SECTION 508 MIXED USE AND OCCUPANCY	NO
SECTION 602 CONSTRUCTION CLASSIFICATION	VB
TABLE 803.9 INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY	B
PASSAGEWAYS AND ENCLOSURES	C
CORRIDORS	C
ROOMS AND ENCLOSURE SPACES	C
SECTION 903 AUTOMATIC SPRINKLER SYSTEM	NO
SECTION 904 FIRE ALARM AND DETECTION SYSTEM	NO

## BUILDING HEIGHT AND AREA

SECTION 503 BUILDING HEIGHT	BUILDING AREAS	ALLOWED	EXISTING	PROPOSED
NUMBER STORY		9,000 G.S.F.	1,825 G.S.F.	1,875 G.S.F.
STORIES ABOVE GRADE PLANE		2	1	1
FEET ABOVE GRADE PLANE		40'	17'-5"	19'-1"

ARCHITECT OF RECORD  
 JAMES D. SMITH, AIA  
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I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND I AM A SOLELY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF TENNESSEE, LICENSE No. 19892, EXPIRATION DATE 03.31.20.

DUNKIN'

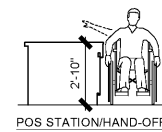
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 US-11W  
 BRISTOL, TN

REVISION		
No.	DATE	DESCRIPTION

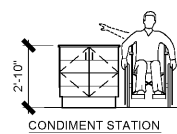
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 PROJECT No.: 17182  
 DWG TITLE:

CODE ANALYSIS  
 AND LIFE  
 SAFETY PLAN

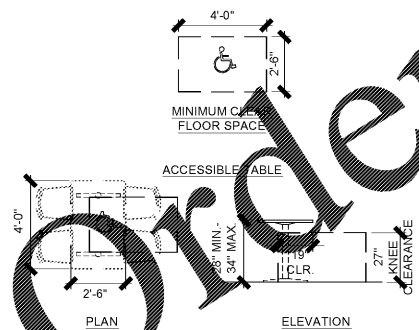
SHEET No.  
 T-2



A6 TYPICAL POS STATION  
 SCALE: 1/4" = 1'-0"



A4 TYPICAL CONDIMENT STATION  
 SCALE: 1/4" = 1'-0"



A1 ACCESSIBILITY DETAILS  
 SCALE: 1/4" = 1'-0"

L1 LIFE SAFETY PLAN  
 SCALE: 3/16" = 1'-0"

