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**REMODEL**

STORE NUMBER: 368  
JOB NUMBER: 03-18-10263

ISSUE BLOCK

NO.	DATE	DESCRIPTION

CHECKED BY: RAF  
DRAWN BY: JTH  
DOCUMENT DATE: 8/17/20



Date: 2020.08.18 14:15:57-05'00'

LIFE SAFETY PLAN

SHEET: **LS1**

**PLAN LEGEND**

- EXISTING TO REMAIN
- EXISTING SHEAR WALL
- EXISTING 2HR FIRE RATED WALL
- NEW EQUIPMENT/ FINISHES
- RELOCATED EQUIPMENT
- NEW STUD WALL PER WALL TYPE
- NEW FREEZER/ COOLER PANELS AS NOTED

**KEY PLAN**

- M - MERCANTILE
- A-2 - ASSEMBLY

**OCCUPANCY DATA**

OCCUPANCY CLASSIFICATION / LOAD:

LOVE'S TRAVEL STORE:	M - MERCANTILE	
SALES/DRINK/SHOWER/RR	4,745 @ 30 GROSS	159
COOLER/BACKSTORAGE	1,612 @ 300 GROSS	6
OFFICE	170 @ 100 GROSS	2
MECHANICAL	128 @ 300 GROSS	1
ELECTRICAL	137 @ 300 GROSS	1
JANITOR	86 @ 300 GROSS	1
<b>TOTAL LOAD</b>		<b>170</b>

ARBY'S:	A-2 - ASSEMBLY, RESTAURANT	
SERVING/KITCHEN	1,404 @ 300 GROSS	5
ORDERING	40 @ 5 NET	8
OFFICE	81 @ 100 GROSS	1
FIXED SEATING		60
COOLER/ FREEZER	396 @ 300 GROSS	2
<b>TOTAL LOAD</b>		<b>76</b>

**EGRESS**

DISTANCE OF TRAVEL - TABLE 1016.2  
IBC 200'-0"

EGRESS WIDTH REQUIRED - TABLE 1005.3  
EGRESS INCHES REQUIRED IBC 0.20 INCHES PER PERSON SERVED

EGRESS WIDTH REQUIRED (INCHES) EQUALS:  
(AREA OCCUPANT LOAD) x (EGRESS WIDTH PER PERSON SERVED)

LOVE'S EGRESS (M)		
170 OCCUPANTS	X .20	= 34 INCHES REQUIRED
(5) 3'-0" DOORS	X 33	= 165 INCHES
<b>TOTAL INCHES PROVIDED:</b>		<b>165 INCHES</b>

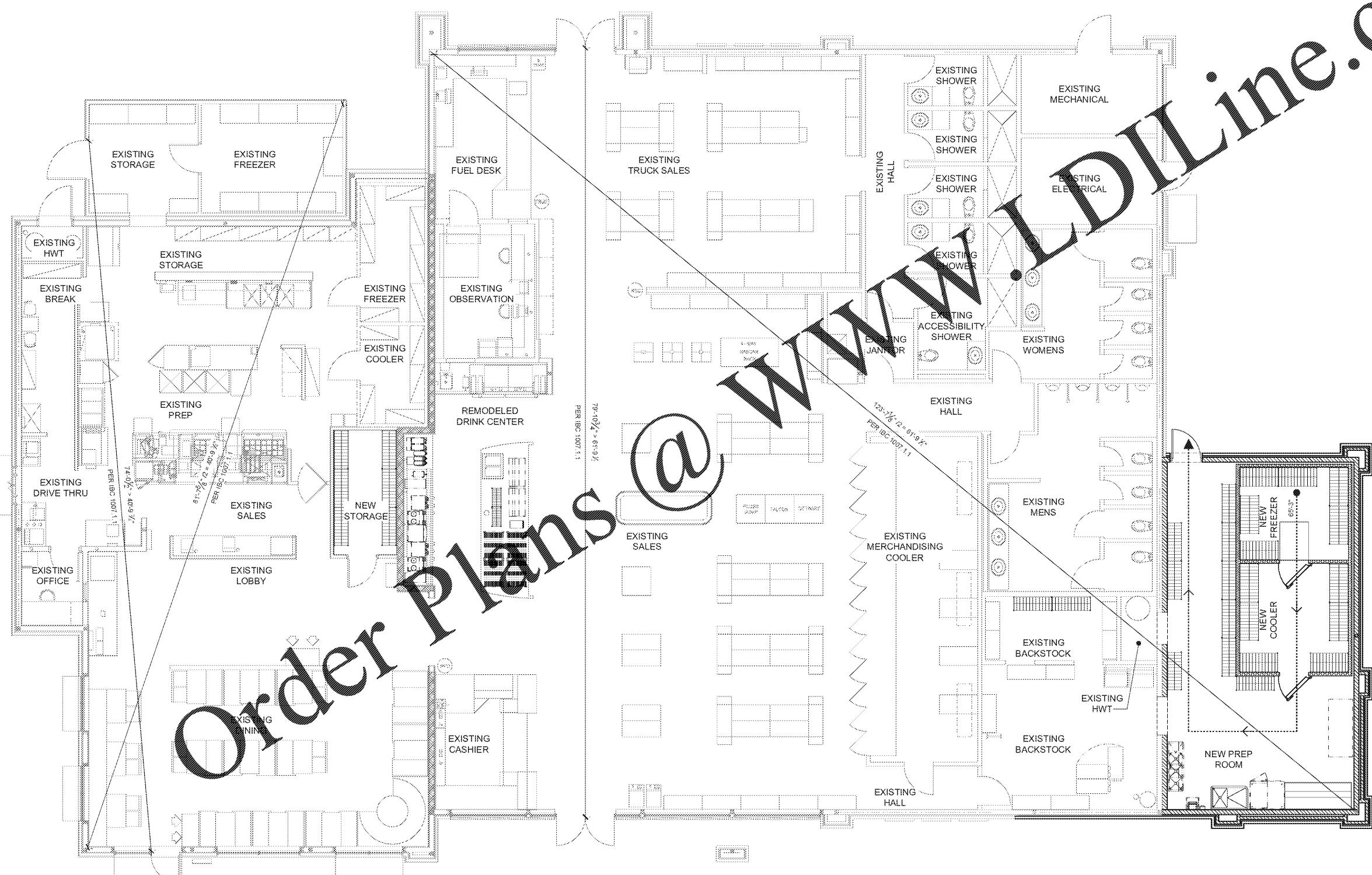
  

ARBY'S EGRESS (A-2)		
76 OCCUPANTS	X .20	= 15.2 INCHES REQUIRED
(2) 3'-0" DOORS	X 33	= 66 INCHES
<b>TOTAL INCHES PROVIDED:</b>		<b>66 INCHES</b>

**NUMBER OF REQUIRED EXITS**

OCCUPANT LOAD (M): 170 > 50 (TABLE 1006.2.1) = 2 EXITS MIN  
OCCUPANT LOAD (A-2): 76 > 50 (TABLE 1006.2.1) = 2 EXITS MIN



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



August 2020, 07:41 - User: jrd@hfa.com  
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