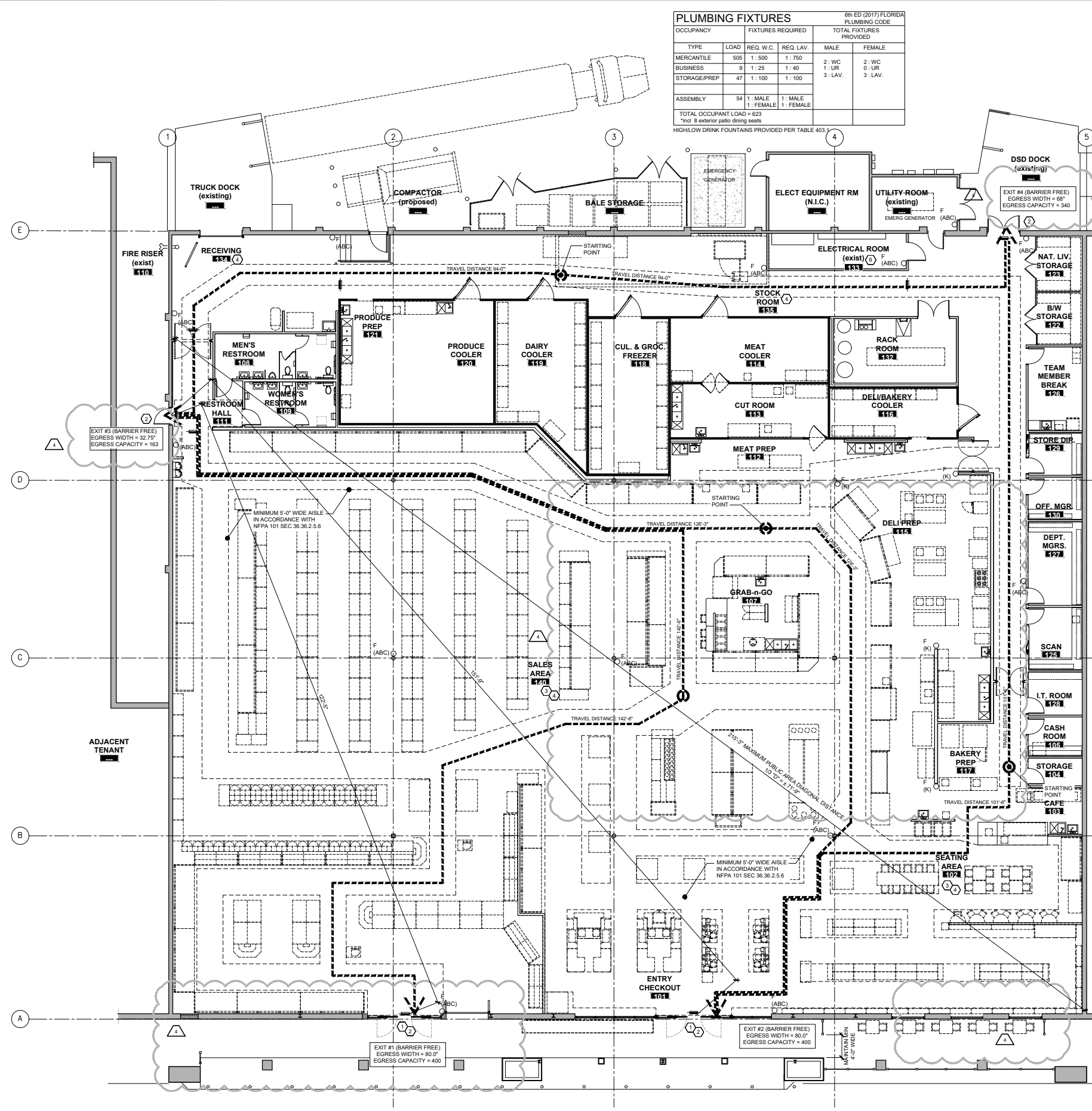




PLUMBING FIXTURES				6th ED (2017) FLORIDA PLUMBING CODE	
OCCUPANCY		FIXTURES REQUIRED		TOTAL FIXTURES PROVIDED	
TYPE	LOAD	REQ. W.C.	REQ. LAV.	MALE	FEMALE
MERCANTILE	505	1: 500	1: 750	2: WC	2: WC
BUSINESS	9	1: 25	1: 40	1: UR	0: UR
STORAGE/PROP	47	1: 100	1: 100	3: LAV.	3: LAV.
ASSEMBLY	54	1: MALE	1: MALE		
		1: FEMALE	1: FEMALE		

TOTAL OCCUPANT LOAD = 823
*Ind 8 exterior patio dining seats
HIGHLOW DRINK FOUNTAINS PROVIDED PER TABLE 403.1

GENERAL NOTES

- REFER TO SHEET **A&T** FOR DOOR SIZES AND HARDWARE.
- SEE SHEET **03.3 & 03.4** FOR ADDITIONAL ACCESSIBILITY REQUIREMENTS.
- MEANS OF EGRESS PATH AND EXIT DISCHARGE SHALL BE ILLUMINATED AT ALL TIMES WHILE THE BUILDING IS OCCUPIED. MINIMUM LIGHT LEVEL SHALL BE 1 FOOT CANDLE. SEE ELECTRICAL DRAWINGS FOR EMERGENCY AND EXIT LIGHTING.
- EXIT SIGNS SHALL BE WORDED "EXIT" IN LETTERS HAVING A PRINCIPLE STROKE OF NOT LESS THAN 3/4" WIDE AND AT LEAST 6" HIGH, AND SHALL CONFORM TO CODES AND/OR APPLICABLE REGULATIONS. EXIT SIGNS SHALL BE INTERNALLY ILLUMINATED (MIN 90 MINUTE) AND PROVIDED WITH TWO SEPARATE POWER SUPPLIES. SEE ELECTRICAL DRAWINGS FOR LOCATIONS AND ADDITIONAL INFORMATION.
- EXIT DOORS MUST BE OPENABLE FROM EGRESS SIDE WITHOUT USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT.
- SEE ELECTRICAL AND FIRE ALARM DRAWINGS FOR FIRE ALARM, HORN, STROBES AND OTHER FIRE ALARM DEVICES.

KEYED NOTES

- BREAKAWAY AUTOMATIC SLIDING DOORS WITH MOTION SENSORS. INSTALL EXIT SIGN, INTERNATIONAL SYMBOL OF ACCESSIBILITY OR ADJACENT TO BUILDING ENTRANCE PER. PLACE PER CODE OFFICIAL. SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
- BARRIER FREE EXIT DOOR AND CONCRETE LANDING. EACH GRADE LEVEL BARRIER FREE EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT". PLACE PER CODE OFFICIAL.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL OCCUPANT LOAD SIGN(S). POSTED IN CONSPICUOUS LOCATION AS DIRECTED BY THE LOCAL BUILDING INSPECTOR. VERIFY QUANTITY, VERBIAGE, AND FINAL LOCATIONS WITH THE INSPECTOR ON SITE.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL ALLOWABLE FLOOR LIVE LOAD SIGN(S). POSTED IN CONSPICUOUS LOCATION AS DIRECTED BY THE LOCAL BUILDING INSPECTOR. VERIFY QUANTITY, VERBIAGE, AND FINAL LOCATIONS WITH THE INSPECTOR ON SITE.
- LOCATION OF FIRE PROTECTION SPRINKLER SYSTEM RISER.
- EXISTING ELECTRICAL ROOM TO REMAIN.

BUILDING CODE ANALYSIS (FOR CONSTRUCTION & EGRESS)

FLORIDA BUILDING CODE 6th EDITION (2017)
FLORIDA FIRE PREVENTION CODE 6th EDITION (2017) - FL SPECIFIC NFPA 1 FIRE CODE 2015
AND FL SPECIFIC NFPA 101 LIFE SAFETY CODE 2015.

- Definitions and general building limitations
 - Mixed use, non-separated:
 - M shall be the most stringent
 - Use Groups:
 - Mercantile (sales floor)
 - S1 Storage (back of house)
 - B Business (office area)
 - AZ Assembly (cafe - accessory)
 - Construction type - Proposed I-B unprotected
 - Tenant Space Height and Area:
 - Allowable Building Area: Table 506.2 = 50,000 s.f.
Frontage Increase per 506.2: (Frontage increase not required) = 50,000 s.f.
Total Allowable Building Area: = 50,000 s.f.
Actual Proposed Building Area: = 25,666 s.f.
 - Allowable Building Height: Table 504.3 = 75 Feet
Actual Proposed Building: = 3 Stories
 - Automatic Sprinkler
Building is fully sprinklered per NFPA 13
 - Fire Alarm
Building has an automatic fire alarm per NFPA 72
 - Incidental Use Areas (Section 509)
Areas that are incidental to the main occupancy shall be separated and protected in accordance with table 509 and shall be classified in accordance with the main occupancy of the portion of the building in which the incidental use area is located.
 - Accessory Occupancies (Section 508)
Accessory Occupancies are those occupancies subsidiary to the main occupancy of the building or portion thereof. Aggregate accessory occupancies shall not occupy more than 10% of the story in which they are located and shall not exceed the tabular values in table 503.
- Construction requirements
 - Building element fire-resistive requirements in hours (table 601)
Construction Type II-B: Building element / Fire resistive rating (in hours)
Structural Frame
Including columns, girders and trusses - 0
Bearing Walls
Exterior - 0
Interior - 0
Nonbearing walls and Partitions
Exterior based on fire separation distance - 0
Interior - 0
Floor Construction
Including supporting beams and joist - 0
Roof Construction
Including supporting beams and joist - 0
Roof covering classification (table 1505.1): Proposed Class A
 - Building element fire-resistive elements.
Interior Tenant Demising walls to be 1-Hour Rated per IBC 708.
- Occupancy / Means of Egress
 - Occupant load: based on Minimum Egress Requirements Table 1004.1.2 (NFPA 7.3.1.2)
Use / Floor area in Sq Ft. per occupant
Mercantile - retail sales rooms basement and ground floors - 30 gross
Business areas (B) - 100 gross
Storage/stock/shipping (S1) - 300 gross
Kitchen (commercial) - 100 gross
 - Occupant load calculations for egress

Use:	Floor area per occupant (s.f.)	Area (s.f.)	Occupant load
Mercantile - Sales	30 gross	15,125	504
Business - Offices	100 gross	839	9
Storage - Stock, Walk-ins & Mechanical	300 gross	6,374	22
Kitchen - Food Prep areas	100 gross	2,466	25
Assembly - Cafe Area	100 gross	797	54
Actual Seating per plan	1 per 15 SF net	27 Seats	-
Total:			615

*Does not include exterior seating.
 - Exit capacity (1005)
 - Minimum egress width requirements: Section 1005.1 (NFPA 7.3.3.1)
Clear width for stairways (inches per person) in fully sprinklered buildings - 0.3
Clear width for ramps, corridors and doorways (inches per person) in fully sprinklered buildings - 0.2
 - Exit capacity calculations:
Interior

Occupant load	Exit width required	Exit width provided
615	123	123
 - Number of exits required per story (1021.1), (NFPA 7.4.1.2) *Single exit allowed from rooms with an occupant load less than 49 and not more than 75' travel distance to the exit door (1015.1, & 1021.2)
Occupant Load: 2 required
Less than 500: not less than 2
501 - 1000: not less than 3 (3 provided - public)
1001 or more: not less than 4
Number of exits provided = 4 total (4 accessible)
 - Exit arrangement:
 - Common path of egress travel (1014.3) (NFPA 302.5.3)
 - In occupancies other than H-1, H-2 and H-3, the common path of egress travel: shall not exceed 75'-0"
 - Exception #1 allows common path of egress travel to increase to 100' for B, F and S, if the building is equipped throughout with an automatic sprinkler system.
 - Arrangement of exits (1015.2.1 and 1015.2.2) (NFPA 36.2.5)
 - If two exits are required, they shall be placed a distance apart equal to not less than one third (exception #2) the length of the maximum overall diagonal dimension of the building or area to be served measured in a straight line between exits.
 - The diagonal distance of the Public area served as shown on plan
 - Travel distance (1016.1) (NFPA 36.2.6.2)
 - In a building equipped with an automatic sprinkler system throughout, the maximum travel distance shall be 250 feet to at least one exit.
 - Exits through adjoining rooms (1014.2) (NFPA 36.2.5.1)
 - Egress from a room or space shall not pass through adjoining or intervening rooms or areas except where such adjoining rooms or areas are accessory to the area served, not high hazard, and provide a discernible path of egress travel.
 - Exit corridors the resistant rating (1016.1) (NFPA 36.3.6)
 - For use groups M, B, S and F with an occupant load greater than 30 for a fully sprinklered building the required fire resistant rating is 0 hrs per table 1016.1 (NFPA 36.3.6.1)
 - Exit corridor width (1016.2) (NFPA 7.2.6.4)
 - Minimum width: 44 inches (36 inches where serving an occupant load of 50 or less)
 - Dead end corridor (1016.4) (NFPA 36.2.5.2.1)
 - Maximum dead end: 20 feet
 - Exception #2 allows a max length of 50'-0" for use groups B and F for a fully sprinklered building.
 - Egress doors (1010.1.1) (NFPA 7.2.1)
 - Clear width: 32 inches (30" min.) / Maximum leaf width: 48 inches / Minimum height: 6'-8"
 - Door swing:
 - Must swing in direction of travel when serving an occupant load of 50 or more (NFPA 7.2.1.4.3)
 - Projection into clear width (1010.1.1) (NFPA 7.2.1.4.4)
 - Doors in the fully open position shall not reduce a required landing dimension by more than 7 inches.
 - Panic hardware: not required at main automatic sliding exit doors per (1010.1.4.3) (NFPA 7.2.1.9)
 - Aisle Width (NFPA 101 - 36.2.5.6)
 - In the Class A Mercantile area at least one aisle of a minimum 5'-0" width leads directly to an exit.

LEGEND:

- PROPOSED FIRE EXTINGUISHER LOCATION (FOR USE ON TYPE A,B & C FIRES) - COORDINATE FINAL LOCATIONS WITH FIRE AUTHORITY HAVING JURISDICTION AND LUCKY'S
 - PROPOSED FIRE EXTINGUISHER LOCATION (FOR USE ON GREASE FIRES) - COORDINATE FINAL LOCATIONS WITH FIRE AUTHORITY HAVING JURISDICTION AND LUCKY'S
- NOTE: FIRE EXTINGUISHER LOCATIONS AND QUANTITIES SHOWN FOR BID REFERENCE ONLY. THE FINAL LOCATIONS AND QUANTITIES SHALL BE AS APPROVED BY THE LOCAL FIRE DEPARTMENT REQUIREMENTS.

wd

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LUCKY'S Market

LUCKY'S MARKET
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DELRAY BEACH, FL

REVIEWS

P&Z Rev #2 03/11/2019

Revision #4 09/13/2019

PERMIT ISSUE
DECEMBER 21, 2018
BID ISSUE.
STORE NUMBER
xx

WD PROJECT NUMBER
LKUYF0017

G0.2

LIFE SAFETY PLAN AND NOTES