



EGRESS DATA

NEW MERCANTILE UNSPRINKLERED
OCCUPANCY LOAD=96

OCCUPANCY LOAD CALCULATIONS 2012 (IBC 1004.1.2)			
OCCUPANCY TYPE	AREA	OCC. / SF	OCC. LOAD
BUSINESS	265 SF	100	3
MERCANTILE	2789 SF	30	82
MERCANTILE (FOOD PREP)	1308 SF	200	7
STORAGE	618 SF	300	2
	4959 SF		104

EGRESS CAPACITY:

MINIMUM EGRESS CAPACITY (IBC 1005.2.3)
REQUIRED = 19.4" (OCCUPANT LOAD MULTIPLIED BY 0.2)
PROVIDED = 108" (EXIT A = 36", EXIT B = 36", EXIT C = 36")

ARRANGEMENT OF EXITS

SEPARATION DISTANCE (IBC 1015.2.1) AT LEAST TWO EXITS SHALL HAVE A MINIMUM SEPARATION NOT LESS THAN ONE-HALF OF THE OVERALL LENGTH OF THE SPACE
OVERALL DIAGONAL DISTANCE = 102 FEET
MIN. REQ'D DISTANCE BETWEEN EXITS = 51 FEET (102/2)
PROVIDED DISTANCE BETWEEN EXITS = 67 FEET

TRAVEL DISTANCES

MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY M, UNSPRINKLERED = 200 FEET (IBC 1016.2)
ACTUAL LONGEST TRAVEL DISTANCE = 91 FEET

EMERGENCY SIGNAGE AND LIGHTING

- REFER TO SHEER E2 FOR EMERGENCY LIGHTING AND EXIT SIGN LOCATION.
- EXIT LIGHTS ARE TO BE MOUNTED AT THE GREATEST HEIGHT ALLOWABLE AND IN COMPLIANCE WITH CODES. EXIT LIGHTS LEADING FROM THE SALES FLOOR SHALL BE VISIBLE ABOVE STOCK AISLES.

FINISH CLASSIFICATIONS

- CLASS B FINISHES AT EXIT ENCLOSURES & EXIT PASSAGEWAYS (FLAME SPREAD 28-75; SMOKE DEVELOPMENT 0-450)
- CLASS B FINISHES AT CORRIDORS (FLAME SPREAD 28-75; SMOKE DEVELOPMENT 0-450)
- CLASS C FINISHES AT ROOMS AND ENCLOSED SPACES (FLAME SPREAD 75-200; SMOKE DEVELOPMENT 0-450)

Life Safety Plan

- BUSINESS
- MERCANTILE
- MERCANTILE (FOOD PREP)
- STORAGE

1 LIFE SAFETY PLAN

LS

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Chalaci & Peterson
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PROJECT NAME
WAWA
260 W. BALTIMORE PIKE
WAWA, PA 19083

PROJECT NAME
WAWA U45-FB-VA-M v2017.01
STORE #8661-STO
Newtown Rd. & Stony Point St.
Norfolk, VA

No.	Description	Date
1	PERMIT SET	05/11/2018
2	PRE-BID REVIEW SET	01/09/2019
3	BID SET	01/29/2019

PROJECT NO. 27057
DATE 05-11-18
DRAWN DS
CHECKED
CHECKER

LS

LIFE SAFETY PLAN