

WALL LEGEND

SYMBOL	DESCRIPTION
	EXTERIOR WALL: BRICK OR STONE VENEER ON 1" AIR SPACE ON MOISTURE BARRIER ON 7/16" OSB EXTERIOR ON 8" CMU BLOCK, ON 3 5/8" METAL STUD 16" O.C., ON 5/8" GYPSUM BOARD PAINTED.
	INTERIOR PARTITION WALL: 1/2" DRYWALL ON EACH SIDE OF 2"x4" METAL STUDS @16" O.C.
	PROPOSED GLASS.

OCCUPANCY CALCULATIONS: (MBC 2021- TABLE 1004.5)

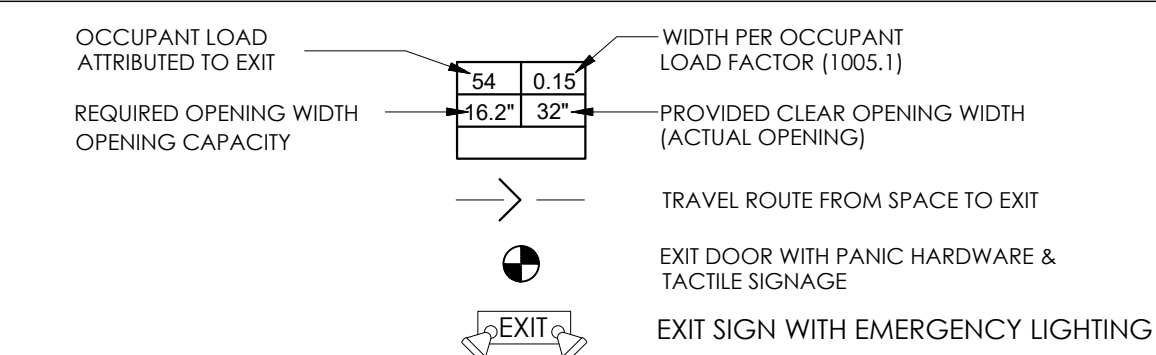
USE GROUP = MERCANTILE GROUP M (RETAIL STORE)

- UNOCCUPIED AREA RESTROOMS** = 83.5 SQ.FT
 - STORAGE AREA**
316 SQ.FT / 300 SQ.FT = **1.05 OCCUPANT**
 - BUSINESS AREA**
1770.5 SF / 150 SQ.FT = **11.8 OCCUPANTS**
 - UTILITY AREA**
158.1 SF / 300 SQ.FT = **0.52 OCCUPANTS**
- 14 MAX TOTAL OCCUPANTS**

MEANS OF EGRESS (NON SPRINKLERED)

ELEMENT	CODE	CALCULATION	PROVIDED
DOORS	0.20' PER OCCUPANT FOR EACH MEANS OF EGRESS	14 OCCUPANTS X 0.2' = 2.8' 2.8'/3 DOORS = 0.93' 36" MINIMUM (34" ACTUAL)	3 DOORS 72", 72" & 40" WIDE
TRAVEL DISTANCE	200 FT MAX	(NON -SPRINKLERED)	(NON -SPRINKLERED)
TOTAL EXITS	2 EXITS	2 EXITS	3 EXITS
STAIRS	0.20' PER OCCUPANT FOR EACH MEANS OF EGRESS	N/A	N/A
CORRIDOR	0.20' PER OCCUPANT FOR EACH MEANS OF EGRESS	N/A	N/A

EGRESS PLAN LEGEND



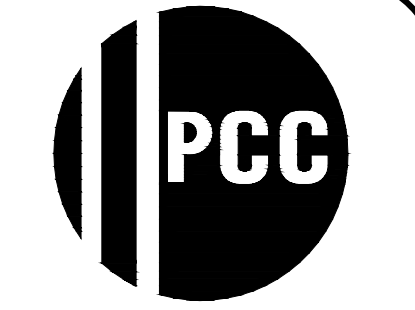
OCCUPANCY TABLE 1004.5

OCCUPANCY S.F. TYPE	S.F. PER PERSON	S.F. UNIT
STORAGE / MECHANICAL ROOMS	300	GROSS
BUSINESS AREA	150	GROSS

PLUMBING FIXTURE CALCULATIONS (MPC 2021- TABLE 403.1)

USE GROUP = MERCANTILE GROUP M (RETAIL STORE)

- TOTAL OCCUPANT LOAD: 14 OCCUPANTS**
- **WATER CLOSET FOR MALE / FEMALE = 1: 500 OCCUPANTS**
1 REQUIRED / 2 PROVIDED
 - **LAVATORY FOR MALE/FEMALE= 1: 750 OCCUPANTS**
1 REQUIRED/ 2 PROVIDED
 - **SERVICE SINK= 1 REQUIRED / 1 PROVIDED**



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PROJECT
REMODELING OF AN EXISTING GAS STATION

OWNER NAME
4661 WOODWARD PROPERTY LLC

ADDRESS
4661 WOODWARD, DETROIT, MI 48201

PROJECT NO.

DATE: 11/18/2025
REVISED:

SCALE
1/4" = 1'-0"

SHEET TITLE
PROPOSED FLOOR PLAN

A-1

