



1 LIFE SAFETY PLAN  
SCALE: 1/8" = 1'-0"



DIAGONAL DISTANCE = 183'-5"

**GENERAL NOTES**

1. G.C. TO VERIFY QUANTITY & LOCATION OF FIRE ENGINEERS WITH LOCAL AUTHORITIES. FIRE ENGINEERS TO BE SUPPLIED BY G.C.
2. G.C. TO PROVIDE FIRE DEPARTMENT REQUIRED KEY BOX COORDINATE LOCATION AND THE WITH LOCAL AUTHORITIES.
3. EXISTING EMERGENCY AND EXIT LIGHTS TO REMAIN.

**OCCUPANCY CALCULATIONS**

\*OCCUPANCY CALCULATIONS BASED ON TABLE 1004.1.1, IBC 2012

ASSEMBLY AREAS	TOTAL	CALCULATED OCCUPANTS
HEALTH CARE OCCUPANT	7024	30
100 SQ.FT. PER OCCUPANT	31*	
OFFICE/ADMIN	4387	44
100 SQ.FT. PER OCCUPANT	L.L.	
KITCHEN/STAFF AREA	600	3
200 SQ. FT. PER OCCUPANT	S.F.	
LOCKER RMS.	59	2
50 SQ. FT. PER OCCUPANT	S.F.	
STORAGE	215	1
300 SQ. FT. PER OCCUPANT	S.F.	
MECHANICAL	45	1
300 SQ. FT. PER OCCUPANT	S.F.	
WAITING	223	59
50 SQ. FT. PER OCCUPANT	S.F.	

TOTAL INTERIOR OCCUPANTS 140  
TOTAL INTERIOR OCCUPANTS USED FOR EGRESS AND EGRESS CALCULATIONS 140

TYPE OF CONSTRUCTION: I-A, SPRINKLED  
USED FOR RESTROOM CALCULATIONS

**REQUIRED EGRESS WIDTH**

BUILDING EGRESS TOTAL EGRESS WIDTH REQUIRED = 28"  
TOTAL EGRESS WIDTH PROVIDED = 28"  
34" = 34" = CLEAR DOOR EXIT LEAFS = 48"

**RESTROOM PLUMBING FIXTURES**

BUILDING OCCUPANCY CALCULATION (FROM TABLE 1004.1.1):  
MAXIMUM OCCUPANTS (GROSS) OF OCCUP. CALCULATION OR 50% MALE AND 50% FEMALE = 140/2 = 70 EACH 70/25 = 28 = 1 WC EACH RESTROOM. [TABLE 2902.1] 70/100 = 0.7 = 1 LAV EACH RESTROOM. [TABLE 2902.1]

REQUIRED:

	Men	Women	Men	Women	Unisex
W.C.	1	1	1	1	4
Urinal	1	-	Urinal	-	4
Lavatory	1	1	Lavatory	2	4

\* URINAL SUBSTITUTION PER 419.2 - UP TO 213 MAXIMUM

**EXIT UNIT LEGEND**

	TRAVEL DISTANCE
	PATH OF EGRESS

**Notes**

No.	Date	By	Notes
1	4/23/16	DB	SUBMIT FOR BUILDING PERMIT

Drawn By: DB  
Checked By: SB  
Scale: AS NOTED  
Date: 1/25/16

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**PROJECT**  
NORTHPOINTE HEART CENTER  
27901 WOODWARD AVE. #300  
BERKLEY, MI 48072

**SHEET TITLE**  
LIFE SAFETY PLAN

JOB #  
**1G-16347**

SHEET  
**A-3**

DO NOT SCALE THIS PRINT. USE REQUIRED DIMENSIONS ONLY.