ORIGINAL BUILDING DATA AS PERMITTED (PERMIT # 00-53464)

OCCUPANCY CLASSIFICATION: - GROUP "B" - BUSINESS

CONSTRUCTION TYPE: - TYPE "V" UNPROTECTED, SPRINKLERED

HEIGHT AND AREA: - 2 STORY, 26'-3" AVERAGE ROOF HEIGHT (ALLOWABLE IS 2 STORY, 55'-0")
BUILDING AREA 1ST FLOOR = 12,655 S.F. GROSS FLOOR AREA (ALLOWABLE - 27,000 S.F. EACH FLOOR)
BUILDING AREA UPPER FLOOR = 12,755 S.F. GROSS FLOOR AREA

OCCUPANCY LOAD: - FIRST FLOOR 12,655 S.F. @ 100 GROSS FLOOR AREA / OCCUPANT = 127 OCCUPANTS
SECOND FLOOR 12,755 S.F. @ 100 GROSS FLOOR AREA / OCCUPANT = 128 OCCUPANTS

FIRE SEPARATION - ONE HOUR BETWEEN TENANTS.

FIRE RESISTANCE - NON - COMBUSTIBLE

EGRESS: - TWO (2) EXITS ARE REQUIRED FROM EACH LEVEL AND ONE FROM EACH TENANT AREA. EXITS MUST BE LOCATED MORE THAN HALF THE DIAGONAL BUILDING DIMENSION APART. 250 FEET MAXIMUM TRAVEL DISTANCE. 20 FEET MAXIMUM DEAD - END CORRIDOR. STAIR AND CORRIDOR MINIMUM WIDTH = 44" WITH 34" MINIMUM EXIT

BUILDING CODE ANALYSIS - "NEW TENANT LAYOUT"

I.) TYPE OF CONSTRUCTION:
TYPE V UNPROTECTED / SPRINKLERED

II.) OCCUPANCY CLASSIFICATION:
1.) BUSINESS "B"
4025 S.F. GROSS / 100 = 41 OCCUPANTS
TOTAL OCCUPANCY LOAD = 41 OCCUPANTS

III.) MEANS OF EGRESS "DISTANCE, LENGTH, WIDTH"
1.) EXIT ACCESS TRAVEL DISTANCE TABLE 1016.1:
B = 300'-0" SPRINKLERED
2.) COMMON PATH OF EGRESS TRAVEL 1314.3:
B = 100'-0" (SPRINKLERED)
3.) CORRIDORS 1018:
A.) EGRESS WIDTH 36" EXISTING
B.) MINIMUM CORRIDOR WIDTH = 44"
PROVIDED 48"
C.) CORRIDOR FIRE RESISTANCE RATING REQUIRED = 0 HR.
(FBC TABLE 1018.1 WITH SPRINKLER SYSTEM)
(LSC = 0 HR RATED PER CHAPTER 12 SECT. 12.3.6 (2)
D.) DEAD ENDS 1018.4 B = 50' SPRINKLERED
E.) MINIMUM CLEAR OPENING WIDTH: EXIT DOORS = 32" ALL DOORS ARE 3'-0".

PLUMBING FIXTURE REQUIREMENTS - "NEW TENANT LAYOUT"

PLUMBING FIXTURES:
B OCCUPANCY = 41 / 2 = 21 WOMEN, 21 MEN

1.) WOMEN: B OCCUPANCY; WATER CLOSETS (1 PER 25).....= 21/25 = 1
TOTAL REQUIRED = 1 / TOTAL PROVIDED = 1

B OCCUPANCY: LAVATORY (1 PER 40).....= 21/40 = 1
TOTAL REQUIRED = 1 / TOTAL PROVIDED = 1

2.) MEN B OCCUPANCY: WATER CLOSETS (1 PER 25).....= 21/25 = 1
TOTAL REQUIRED = 1 / TOTAL PROVIDED = 1

B OCCUPANCY: LAVATORY (1 PER 40).....= 21/40 = 1
TOTAL REQUIRED = 1 / TOTAL PROVIDED = 1

3. UNISEX (FAMILY) FACILITY: NOT REQUIRED
4. DRINKING FOUNTAIN PROVIDED: ONE HI/LOW FIXTURE IN COMMON LOBBY AREA
5. JANITORS CLOSET WITH MOP SINK PROVIDED IN COMMON LOBBY AREA
6. ADDITIONAL ADA RESTROOM FACILITIES PROVIDED IN COMMON LOBBY AREA

APPLICABLE CODES

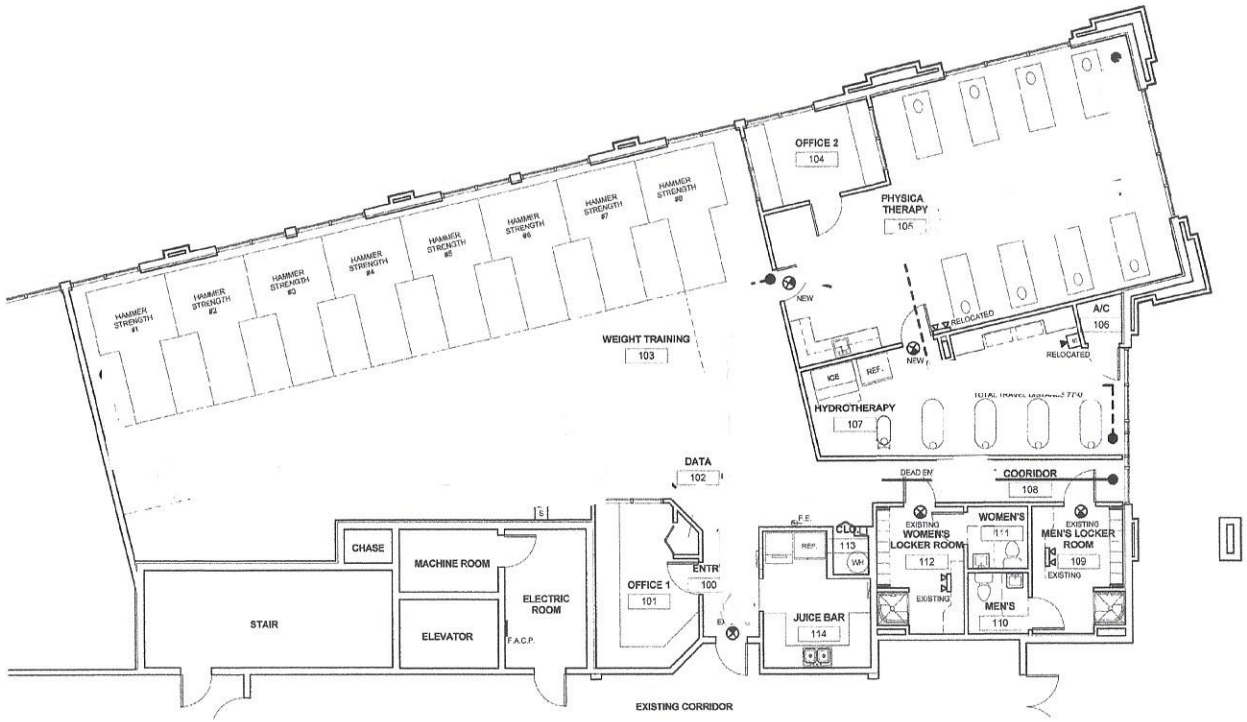
1.) 2014 5TH EDITION FLORIDA BUILDING CODE - EXISTING BUILDING.
2.) 2014 5TH EDITION FLORIDA ACCESSIBLE CODE.
3.) 2014 5TH EDITION FLORIDA BUILDING CODE ENERGY CONSERVATION.
4.) 2014 5TH EDITION FLORIDA BUILDING CODE PLUMBING.
5.) 2014 5TH EDITION FLORIDA BUILDING CODE MECHANICAL.
6.) 2011 NATIONAL ELECTRIC CODE.
7.) NATIONAL FIRE PROTECTION CODE (N.F.P.A.) AS ADOPTED.
8.) FLORIDA FIRE PROTECTION CODE - LATEST EDITION.

LIFE SAFETY LEGEND

- - - - - TRAVEL DISTANCE
——— DEAD END DISTANCE
F.E.C. RECESSED FIRE EXTINGUISHER CABINET

ELECTRICAL SYMBOL LEGEND

	EXIT LIGHT (CEIL. OR WALL) ARROWS AS SHOWN SOLID QUADRANT INDICATES FACE
	EMERGENCY LIGHT
FACP	FIRE ALARM CONTROL PANEL
	FIRE ALARM SPEAKER / STROBE
F.E.	FIRE EXTINGUISHER



① LIFE SAFETY PLAN
3/16" = 1'-0"

9/24/2016 11:37:24 AM

ARCHITECTURE GREEN ~ LLC.
Architecture | Planning | Interior Design
Commerce Pointe | 1818 S. Australian Avenue | Suite 245 | West Palm Beach Florida 33409 | 561-398-2105
Fl. License: AA 26002116 | IB 2601272
msb@ArchitectureGreenLLC .COM

SEAL:

MARK S. BEATTY AIA, LEED A.P. | AR 92184

PALM BEACH CARDINALS FITNESS THERAPY CENTER

Design Builder:

WEITZ

SHEET TITLE: _

No.	Description	Date

Project number	16-002
Date	06/24/15
Designed by	MSB
Drawn by	DAP
Checked by	MSB

LSP-1

Scale As indicated