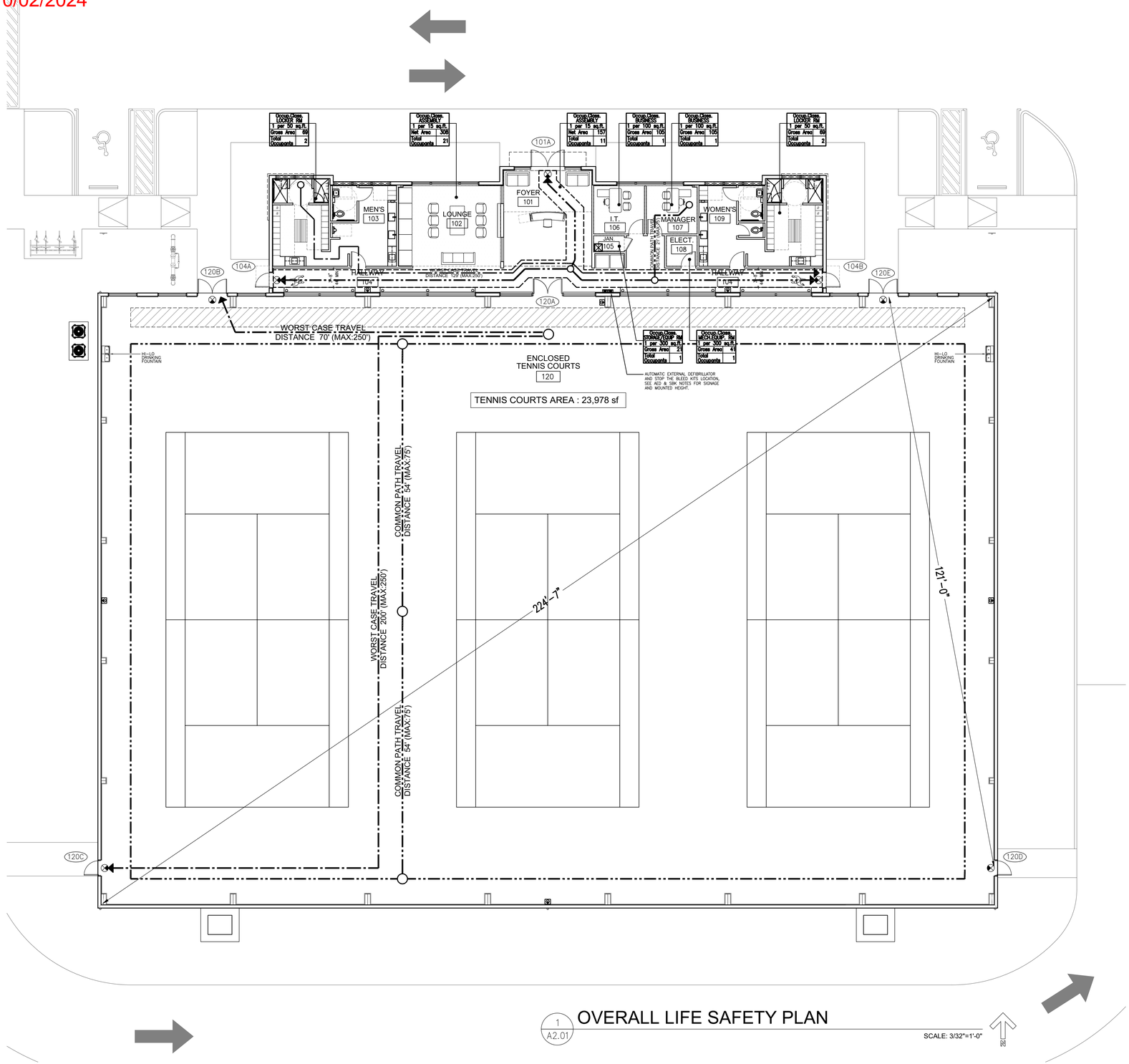
DRC
PZ23-12000009
10/02/2024



1 A2.01 OVERALL LIFE SAFETY PLAN

SCALE: 3/32"=1'-0"

LIFE SAFETY LEGEND

Occup.Class. DINING — 1 per 15 sq.ft. — SPACE MARKER; FLOOR AREA IN SQ. FT. PER OCCUPANT
Net Area 3775 — NET AREA IN SQ. FT.
Total Occupants 252 — MAXIMUM OCCUPANTS PER NFPA
75 — No. OF OCCUPPANTS USING THIS EXIT
60" — WIDTH OF THIS EXIT
300 — MAXIMUM CAPACITY OF THIS EXIT

FIRE EXTINGUISHER:SHALL COMPLY WITH CH 39.3.5–2010 Florida Fire Prevention Code, NFPA 101, 2009 EDITION

"K" TYPE FIRE EXTINGUISHER

2A:10–B:C TYPE FIRE EXTINGUISHER

2A:10–B:C TYPE FIRE EXTINGUISHER IN SEMI–RECESSED CABINET

EXIT ACCESS TRAVEL DISTANCE

COMMON PATH

DEAD END CORRIDOR

1HR OCCUPANCY SEPARATION WALL

2HR OCCUPANCY SEPARATION WALL

EDGE LIT GREEN LED EXIT SIGN

WALL MOUNTED EMERGENCY LIGHT WITH 90 MIN BATTERY BACK UP (REFER TO MEP PLANS)

NOTES :
1. SHAFT WALLS (2 HR RATED)
2. CLASS ABC FIRE EXTINGUISHER INSTALLED SO THAT MAXIMUM TRAVEL DISTANCE FROM ANY POINT IS NO MORE THAN 75 L.F.
3. FIRE EXTINGUISHERS SHALL BE MOUNTED AT 48" AFF AND SHALL BE CURRENTLY DATED AND TAGGED BY LICENSED FIRE EQUIPMENT COMPANY.
4. CLASS K FIRE EXTINGUISHER FOR GREASE FIRES MOUNTED 10 L.F. OF COOKING EQUIPMENT.
5. SUPPRESSED KITCHEN HOOD
6. REFER TO REFLECTED CEILING PLAN FOR EMERGENCY LIGHTING
7. ADDITIONAL EXIT SIGNS AND EMERGENCY LIGTHS MAY BE REQUIRED BY THE FIRE INSPECTOR AT THE TIME OF THE FIRE FINAL
8. SUBMIT PLANS AND SPECS SHEETS FOR SEPARATE FIRE SPRINKLER/FIRE ALARM SUB PERMIT AFTER THE MASTER HAS BEEN APPROVED, COMPLYING WITH NFPA 13 (2018 ED.) AND PERMITS TO BE PROVIDED BY LICENSED AND CERTIFIED FIRE SPRINKLER CONTRACTOR.
9. CARBON MONOXIDE DETECTORS WILL BE PROVIDED UNDER FIRE ALARM PERMIT

OCCUPANT LOAD (NFPA)

OCCUPANT LOAD FACTOR TABLE 1004.1.2 F.B.C 2020 AND 7TH EDITION OF FIRE PREVENTION CODE, NFPA 1 & 101 2018 EDITION

FUNCTION OF SPACE	AREA	FLOOR AREA (SQ. FT.) PER OCCUPANT		MAXIMUM OCCUPANTS
3 TENNIS COURTS	23,978 S.F.	(TENNIS MEMBERSHIP FACILITY)	MAX. OCCUPANCY	100
FOYER	157 S.F.	(ASSEMBLY WITHOUT FIXED SEATING)	15 NET	11
LOUNGE	308 S.F.	(ASSEMBLY WITHOUT FIXED SEATING)	15 NET	21
MANAGER OFFICE	105 S.F.	(BUSINESS)	100 GROSS	2
IT OFFICE	105 S.F.	(BUSINESS)	100 GROSS	2
ELECTRICAL ROOM	41 S.F.	(MECHANICAL EQUIPMENT. ROOM)	300 GROSS	1
JANITOR (MEN'S)	21 S.F.	(STORAGE/EQUIP. ROOM)	300 GROSS	1
LOCKER ROOMS (MEN'S)	69 S.F.	(LOCKER RM)	50 GROSS	2
LOCKER ROOMS (WOMEN'S)	69 S.F.	(LOCKER RM)	50 GROSS	2
TOTAL OCCUPANT LOAD				142

PLUMBING CALCULATIONS

ASSEMBLY (A-4)

OCCUPANCY = 142 / 2 = 71 M&F

REQUIRED PLUMBING FIXTURES

	MALE	FEMALE	TOTAL
WATER CLOSETS/URINALS	1	2	3
LAVATORIES	1	1	2
DRINKING FOUNTAIN	1		1
SERVICE SINK	1		1

PROVIDED PLUMBING FIXTURES

	MALE	FEMALE	TOTAL
WATER CLOSETS	1	2	3
URINALS	1		1
LAVATORIES	3	3	6
SHOWERS	2	2	4
DRINKING FOUNTAIN			4
SERVICE SINK			1

OCCUPANCY CLASSIFICATION	A4 (TENNIS COURTS)
CONSTRUCTION CLASSIFICATION	II–B
SPRINKLER SYSTEM	YES
FIRE ALARM	YES
GROSS BUILDING AREA	26,763.40 SF
TRAVEL DISTANCE TO EXITS	250 FEET MAX. WITH SPRINKLER SYSTEM–FBC TABLE 1017.2
MAX. COMMON PATH OF EGRESS	75 FEET MAX. WITH SPRINKLER SYSTEM–FBC TABLE 1006.2.1

LIFE SAFETY PLAN NOTES:

USE CLASSIFICATION: "A–4" — SPRINKLERED

STAIR ENCLOSURES, ELEVATOR SHAFTS — N/A

INTERIOR FINISH.
INTERIOR WALL AND CEILING FINISH MATERIALS TO BE CLASS A OR B TO COMPLY WITH SECTION 12.3.3
7TH Edition of Fire Prevention Code, NFPA 1 & 101, 2018 EDITION

INTERIOR FLOOR FINISH SHALL COMPLY WITH SECTION 12.3.3.5
7TH Edition of Fire Prevention Code, NFPA 1 & 101, 2018 EDITION

ILLUMINATION OF MEANS OF EGRESS
SHALL COMPLY WITH 12.2.8
7TH Edition of Fire Prevention Code, NFPA 1 & 101, 2018 EDITION

EMERGENCY LIGHTING:
SHALL COMPLY WITH 12.2.9.1
7TH Edition of Fire Prevention Code, NFPA 1 & 101, 2018 EDITION

REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, DEMOLITION, REMODELING OR ALTERATIONS AND ADDITIONS TO ANY BUILDING.

EGRESS: REQUIRED NUMBER OF EXITS:
REQUIRED: TWO – PROVIDED: TWO

MINIMUM CORRIDOR WIDTH:
REQUIRED: **44"** – PROVIDED: 48"+

LENGTH OF TRAVEL:
MAXIMUM: 250 LINEAR FEET – PROVIDED: SEE PLAN

LEVEL (OTHER THAN STAIRWAY) EGRESS COMPONENT WIDTH:
REQUIRED: 35 X .2" = 7" (32" MIN) – PROVIDED: 36"+

MAXIMUM DEAD END CORRIDOR LENGTH:
MAXIMUM: **20 FT** – ACTUAL: N/A

MINIMUM WIDTH OF DOORS:
REQUIRED: 32" – PROVIDED: 32"+

EXIT SIGNS:
REQUIRED: YES – PROVIDED: YES

EMERGENCY LIGHTING:
REQUIRED: YES – PROVIDED: YES

DOOR HARDWARE

ALL DOORS HARDWARE SHALL COMPLY WITH NFPA 101 CHAPTER 7

SIGNAGE

1. PROVIDE ADDRESS NUMBER ON EXTERIOR DOOR. THE NUMERICAL ADDRESS WILL BE PROVIDED ON ALL EXTERIOR DOORS AS PER CITY ORDINANCE 52.10 WITH 6 INCH NUMBERS, WEATHERPROOF, AND CONTRASTING COLORS.
2. PROVIDE MAX. OCCUPANCY SIGN AT THE FRONT ENTANCE IN ACCORDANCE WITH NFPA 101:12.7.8.3
3. FOR LOCATION OF EMERGENCY LIGHTS AND SMOKE DETECTORS, (SEE MEP DWGS.)

AUTOMATIC EXTERNAL DEFIBRILLATOR (AED) & STOP THE BLEED KITS (SBK)

PER BROWARD COUNTY FIRE PREVENTION CODE:
– F–121.2 AED(S) AND SBK(S) SHALL BE INSTALLED IN THE FOLLOWING OCCUPANCIES AS DEFINED IN NFPA 101, LIFE SAFETY CODE.
– F–121.2.1 ASSEMBLY OCCUPANCY:
  a. FITNESS CENTERS, GYMNASIUMS, AND INDOOR RECREATIONAL CENTERS IN EXCESS OF ONE THOUSAND FIVE HUNDRED (1,500) SQUARE FEET.
– F–121.3.2 AED(S) DEVICES AND SBK(S) SHALL BE:
  a. CONSPICUOUSLY LOCATED IN PLAIN VIEW OF THE PRIMARY PUBLIC ENTRANCE OR BY THE ELEVATOR LOBBY WITH UNOBSTRUCTED ACCESS.
  b. READILY ACCESSIBLE AND IMMEDIATELY AVAILABLE WHEN NEEDED FOR ON–SITE EMPLOYEES AND THE GENERAL PUBLIC, INCLUDING DISABLED PERSONS.
  c. THE AED(S) AND SBK(S) SHALL BE HOUSED IN A CABINET WITH A CLEAR WINDOW IN THE DOOR, AN AUDIBLE ALARM SIGNALING THE OPENING OF THE DOOR, PERMANENTLY AFFIXED TO A WALL, AND WHOSE TOP IS NO MORE THAN FORTY–EIGHT (48) INCHES ABOVE THE FLOOR TO PREVENT TAMPERING, THEFT, OR DAMAGE.
  d. THE AED SHALL BE LOCATED BELOW A SIGN HAVING A MINIMUM AREA OF SEVENTY (70) SQUARE INCHES AND CONTAINING THE LETTERS "AED" AND THE UNIVERSALLY RECOGNIZABLE SYMBOL, WHICH SHOULD BE PLACED NO MORE THAN SIXTY (60) INCHES, ON CENTER, ABOVE THE FLOOR.
  e. THE SBK SHALL BE LOCATED BELOW A SBK STICKER. THE SBK STICKER MAY ALSO BE PLACED ON THE CABINET CONTAINING THE SBK.
– F–121.3.3 AED DEVICES SHALL CONTAIN ADULT PADS AND PEDIATRIC PADS AS REQUIRED BY THE AHJ.
– F–121.3.4 SBK(S) WITH THE EXCEPTION OF LARGE OCCUPANCY SBK(S), SHALL MINIMALLY CONTAIN:
  a. EIGHT COMMERCIALLY MANUFACTURED TOURNIQUETS; AND
  b. EIGHT GLOVES; AND
  c. ONE SCISSOR; AND
  d. TWO 3–INCH GAUZE ROLLS; AND
  e. TWO GAUZE COMBINE PADS.
– F–121.3.6 THE AED(S) DEVICES AND SBK(S) SHALL BE USED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES.

REVISIONS

1.	DRC COMMENTS	09.27.23
2.	DRC COMMENTS	12.08.23
3.	DRC COMMENTS	08.21.24
4.		
5.		
6.		
7.		
8.		
9.		
10.		

ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND PROPERTY OF THIS OFFICE, AND WHERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON, AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS SHALL BE USED BY, OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WITHOUT WRITTEN PERMISSION OF RWB / LINARES ARCHITECTURE, INC

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RWB Linares ARCHITECTURE

PROJECT # 21-035
DATE PER ISSUANCE
SHEET # 3

A1.01

SEAL
STATE OF FLORIDA
JUAN CARLOS LINARES
AR0017358
REGISTERED ARCHITECT

JUAN C. LINARES
Digitally signed by Juan C Linares
Date: 2024.08.21 12:09:46 -04'00'

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