

PLUMBING CALCULATIONS				
ASSEMBLY (A-4)				
OCCUPANCY	=	305 / 2 = 153 M&F		
<u>REQUIRED PLUMBING FIXTURES</u>				
	MALE	FEMALE	<u>TOTAL</u>	
WATER CLOSETS/URINALS	3	4	7	
LAVATORIES	1	2	3	
DRINKING FOUNTAIN	1	1	2	
SERVICE SINK	1	1	2	
<u>PROVIDED PLUMBING FIXTURES</u>				
	MALE	FEMALE	<u>TOTAL</u>	
WATER CLOSETS	3	4	7	
URINALS	2	2	4	
LAVATORIES	4	4	8	
DRINKING FOUNTAIN			6	
SERVICE SINK			2	

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.)	MAXIMUM PER OCCUPANT	OCCUPANTS
8 TENNIS COURTS OR 8 TENNIS COURTS+6 PICKLEBALL COURTS	49,392 S.F.	(TENNIS MEMBERSHIP FACILITY)	MAX. OCCUPANCY	100
MANAGE OFFICE	102 S.F.	(BUSINESS)	100 GROSS	2
IT OFFICE	98 S.F.	(BUSINESS)	100 GROSS	1
PRO SHOP/CONCESSION	289 S.F.	(MERCANTILE SALES)	30 GROSS	10
FOYER	214 S.F.	(ASSEMBLY WITHOUT FIXED SEATING)	15 NET	15
LOUNGE	276 S.F.	(ASSEMBLY WITHOUT FIXED SEATING)	15 NET	19
BAR	13.5 L.F.	(SEATING WITH FIXED SEATING)	1.5 L.F.	9
KITCHEN	305 S.F.	(KITCHEN)	100 GROSS	4
LOCKER ROOMS (MEN'S)	96 S.F.	(LOCKER RM)	50 GROSS	2
LOCKER ROOMS (WOMEN'S)	96 S.F.	(LOCKER RM)	50 GROSS	2
ELECTRICAL ROOM	30 S.F.	(MECHANICAL EQUIPMENT ROOM)	300 GROSS	1
JANITOR (MEN'S)	14 S.F.	(STORAGE/EQUIP. ROOM)	300 GROSS	1
JANITOR (WOMEN'S)	14 S.F.	(STORAGE/EQUIP. ROOM)	300 GROSS	1
2ND FLOOR PRO-LOUNGE ROOM	224 S.F.	(ASSEMBLY WITHOUT FIXED SEATING)	15 NET	15
2ND FLOOR PRO-LOUNGE OFFICE	122 S.F.	(BUSINESS)	100 GROSS	2
2ND FLOOR PING-PONG/GAMING AREAS	208 S.F.	(GAMING FLOORS)	11 GROSS	19
MEDIA ROOM		(ASSEMBLY WITH FIXED SEATING)		16
2ND FLOOR LOUNGE	184 S.F.	(ASSEMBLY WITHOUT FIXED SEATING)	15 NET	13
2ND GYM	538 S.F.	(EXERCISE ROOM WITH EQUIPMENT)	50 GROSS	11
2ND YOGA/TRAINING ROOM	348 S.F.	(EXERCISE ROOM WITHOUT EQUIPMENT)	15 NET	24
2ND SEATING AREA	63 S.F.	(ASSEMBLY WITHOUT FIXED SEATING)	15 NET	5
2ND SEATING AREA	63 S.F.	(ASSEMBLY WITHOUT FIXED SEATING)	15 NET	5
2ND SEATING AREA HEIGHT TABLE	20 L.F.	(ASSEMBLY WITH FIXED SEATING)	1.5 L.F.	14
2ND SEATING AREA HEIGHT TABLE	20 L.F.	(ASSEMBLY WITH FIXED SEATING)	1.5 L.F.	14
TOTAL OCCUPANT LOAD				305

OCCUPANCY CLASSIFICATION	A4 (TENNIS COURTS)
CONSTRUCTION CLASSIFICATION	II-B
SPRINKLER SYSTEM	YES
FIRE ALARM	YES
GROSS BUILDING AREA	57,646.00 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

LIFE SAFETY LEGEND

Occup. Class. DINING
1 per 15 sq.ft.
Net Area 3775
Total Occupants 252

SPACE MARKER
FLOOR AREA IN SQ. FT. PER OCCUPANT
NET AREA IN SQ. FT.
MAXIMUM OCCUPANTS PER NFPA

75
60
300
MAXIMUM CAPACITY OF THIS EXIT
No. OF OCCUPANTS USING 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 LIGHTS 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

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 ENTRANCE 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 COMMERCIALY 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
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ALL IDEAS, DESIGN, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND PROPERTY OF THIS OFFICE, AND WHERE CREATED, ENVELOPED, AND DEVELOPED FOR USE ON, AND IN CONNECTION WITH THE SPECIFIED PROJECT, NONE OF SUCH IDEAS, DESIGN, 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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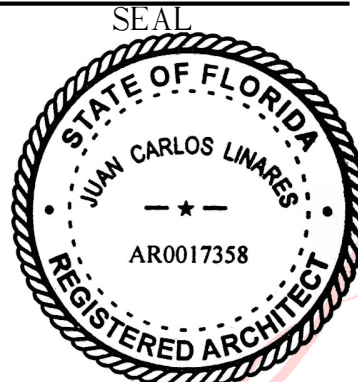
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Linares
ARCHITECTURE

PROJECT # 21-035
DATE PER ISSUANCE
SHEET #

A1.01

JUAN C. LINARES

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by Juan C Linares
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DRC
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