

- ALL EXTERIOR OUTLETS TO BE WP-GFCI
- ALL GARAGE OUTLETS TO BE GFCI
- ALL OUTLETS TO BE ARC-FAULT INTERRUPTER PROTECTED
- SMOKE DETECTORS TO BE HARD WIRED INSIDE ALL BEDROOMS AND ONE WITHIN 8' OUTSIDE OF BEDROOMS
- SMOKE DETECTOR TO BE AT ALL ENCLOSED STAIRWELLS
- EXTEND OR MODIFY EXISTING ELECTRICAL TO ACCOMMODATE NEW WALL HEIGHT.
- REWIRE ELECTRICAL TO EXISTING SWITCHES

- ALL CONSTRUCTION TO BE IN CONFORMANCE W/ FBC 2020, FOR RISK FACTOR 1
- EXPANSURE 1"
 - VULT = 150
 - VAD = 116
- VULT DESIGN PRESSURE = psf

	Public Internal	Internal - Internal
Windward	21.2	46.1
Leeward	-32.2	-23.1
Static wind	-0.1	-0.1
- Roof

Windward	-41.1	-22.1
Windward	-38.6	-11.7
Windward	49.0	45.6

REFERENCES STANDARD

- 2020 FLORIDA RESIDENTIAL CODE
- 2020 FLORIDA MECHANICAL CODE
- 2020 FLORIDA PLUMBING CODE
- 2020 FLORIDA ENERGY CODE
- ACI 318-14
- ANGKING NDS - 2018 + SUPPLEMENT
- ASCE 7-16
- ASCE 51-16
- IFPA 101 - 2017 REC
- IFPA 101 - 2018 (IF APPLICABLE)
- 2020 FLORIDA FIRE PREVENTION CODE IN EDITION
- ALL ADDITIONAL REQUIREMENTS PER FBC 2020 7TH EDITION, BUILDING CODE CHAPTER 8B

- DESIGN AN ENCLOSED
- FLOOD ZONE X
- LOADS: FLOOR LL 48 PSF
DL 10 PSF
- ROOF: LL 18 PSF
DL 10 PSF
- ATTIC: LL 18 PSF
DL 10 PSF
- DECK: LL 48 PSF
DL 15 PSF
- DESIGN METHOD ASD
- LEVEL OF CORROSION RESISTANCE
 - MEDIUM
 - ALL EXPOSED COMPONENTS MUST BE GALVANIZED MIN.
- GC TO VERIFY FINISH FLOOR ELEV.
- GC TO PROVIDE SURVEY
- GC TO PROVIDE WINDOW / DOOR NICKS
- IMPACT GLASS OR SHUTTERS TO BE USED

FOR
EXPOSURE "C"

- OCCUPANCY CLASSIFICATION= B, BUSINESS
- TENANT SPACE IS IN STAND ALONE BUILDING PARKING IS EXISTING
- BUILDING TYPE: UN-SPRINKLED=V B, CMU EXTERIOR
- OCCUPANCY LOADING
- BUILDING = 3600 SQ FT
LOADING = 47 PERSONS SEE SHEET A3
- RESTROOMS: = (2) NEW ADA
- EGRESS REQUIREMENTS:

	REQ	ACTUAL
75' EGRESS TRAVEL	100'	
36" MIN ISLE WIDTH	48"	
WIDTH = $36 \times 0.2 = 9.4"$		(1) @ 36"

EXISTING DRAINAGE RENOVATION

ALL FLOOR INSIDE EXISTING DRAINAGE FOOTPRINT
TO REMAIN UNCHANGED DO NOT CHANGE
ROOF DO NOT CHANGE

ALL FLOOR LIMITED TO NEW WINDOWS

DEMO:

- + DEMO ALL INTERIO WALLS -
NO LOAD BEARING WALLS TO BE REMOVED

CONSTRUCTION:

- + ADD NEW INTERIOR WALLS PER PLAN
- + ADD NEW ADA RESTROOM
- + ADD CORRIDOR WALLS

ELECTRICAL:

- + NEW 200 AMP PANEL - EXISTING 200 AMP SERVICE
- + ADD NEW CIRCUITS PER PLAN

MECHANICAL:

- + EXISTING MIN SPLIT HVAC A/C'S TO REMAIN
- + ADD (2) NEW 3 TON HVAC A/C'S

FRESH AIR EXCHANGER UNIT

NO YORK

PLUMBING:

- + ADD (1) NEW ADA RESTROOM
- + INSTALL NEW FIXTURES AS SHOWN

A1	PROJECT Summary & Notes
A2	Proposed Floor Plan
A3	HDCP DETAILS
E1	Electrical Details
E2	Electrical Plans
M1	Mechanical Notes / Schedules / Charts
M1.1	Mechanical Notes / Schedules / Charts
M2	Mechanical Plan
M3	Mechanical Plan
P1	Plumbing Notes / Details
P2	Plumbing Plans
D1	Details
N1	Notes

☐ Luis A. Rosario, P.E. FL#61929
☐ Milan S. Slovak, P.E. FL#61626

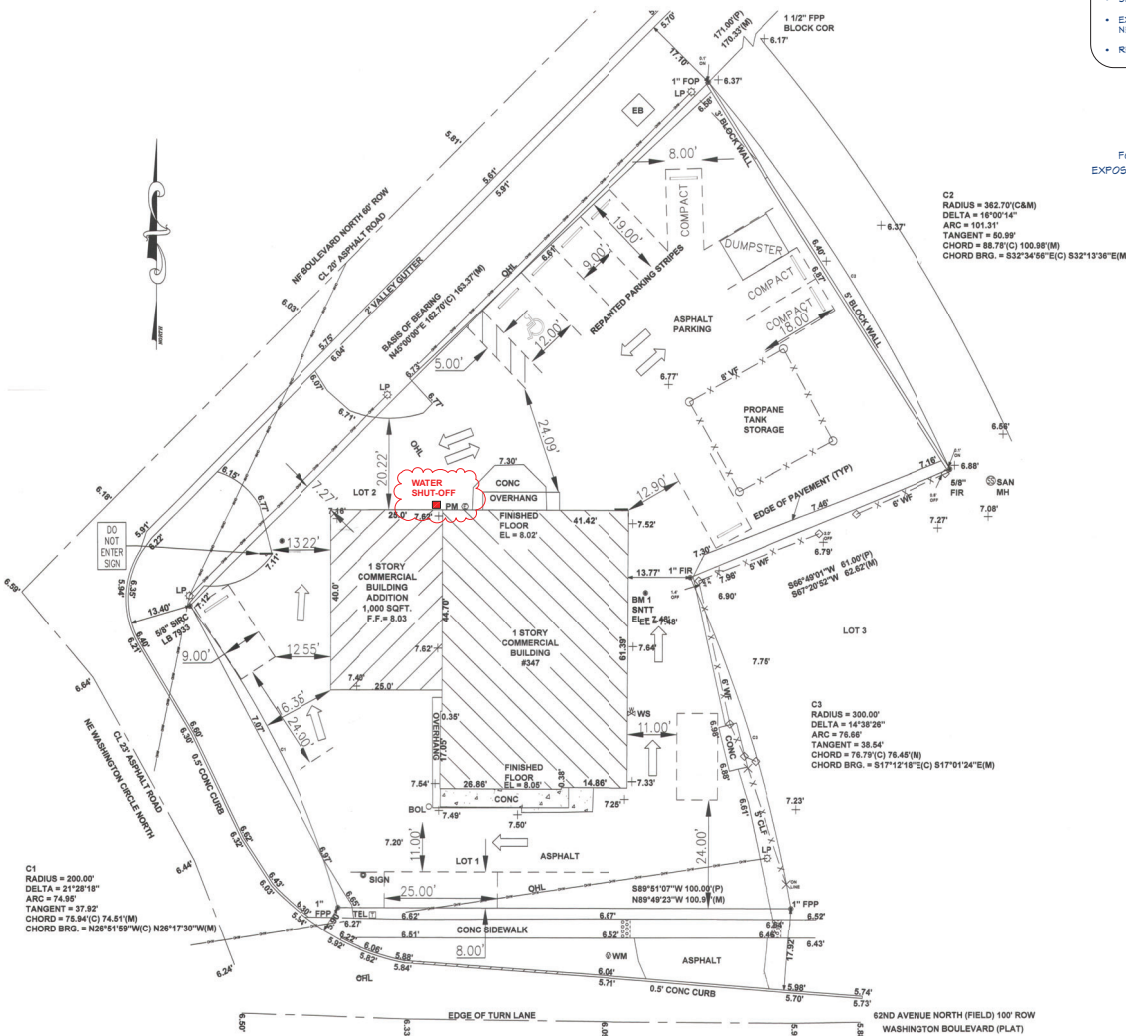
PERMIT-BY-PROVIDER
R&S PROFESSIONAL
ENGINEERING
SERVICES, LLC
941-759-7037
941-759-7037
COA#20251

Club Pilates
347 G2nd Ave. N
St. Petersburg, FL

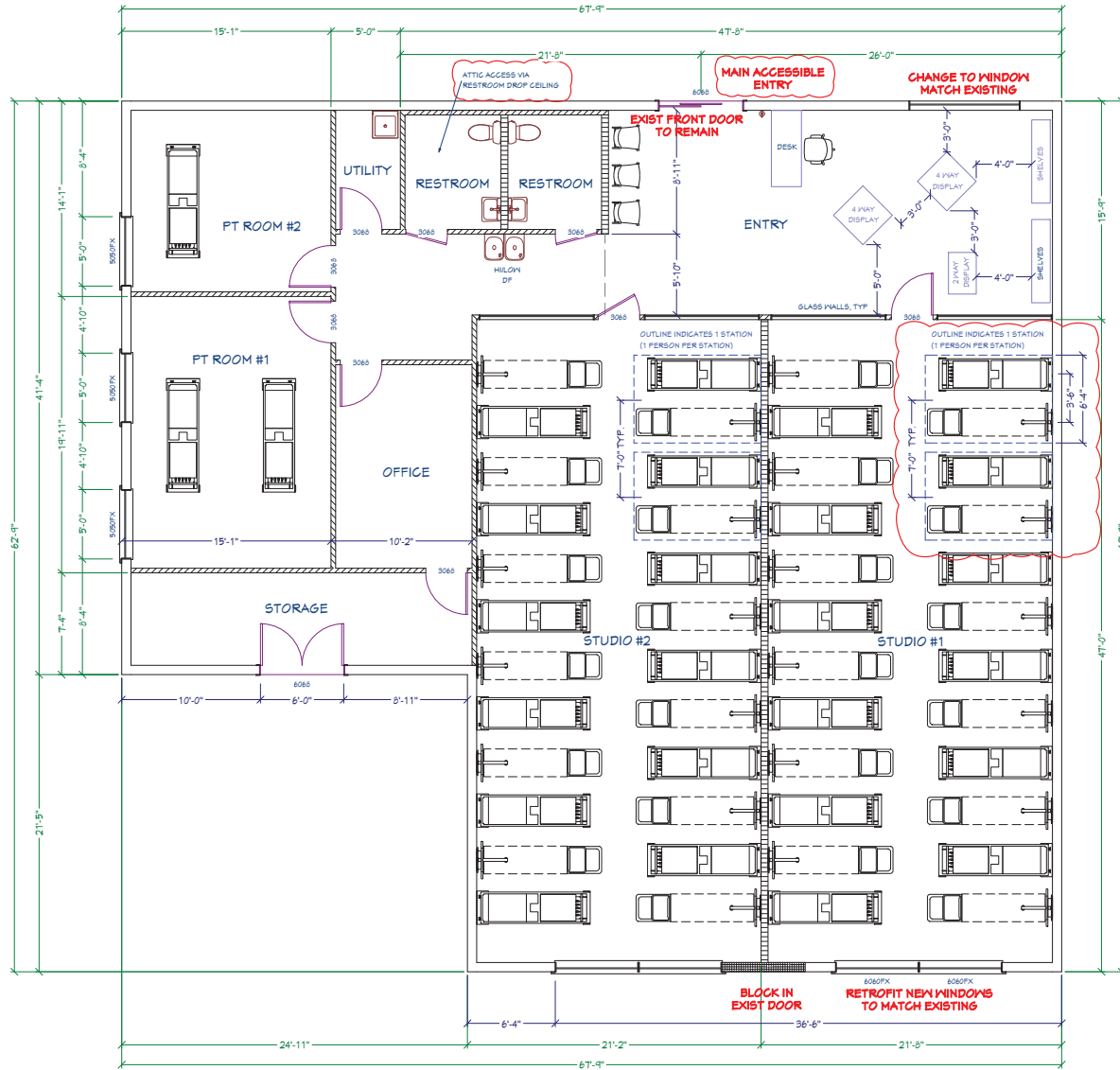
THE FOLLOWING ATTENTION HAS BEEN MADE IN THE PREPARATION OF THESE DRAWINGS TO AVOID MISFEELINGS AND INCLUDE ALL DETAIL AND PORTANT INFORMATION. THE DESIGNER CANNOT GUARANTEE AGAINST HUMAN ERROR. PRIOR TO THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR MUST VERIFY ALL THE DIMENSIONS, DETAIL AND INFORMATION PROVIDED IN THESE DRAWINGS. CONTRACTOR SHALL CONTACT THE DESIGNER FOR ANY CORRECTIONS OR DISCREPANCIES ON THE DRAWING PRIOR TO THE COMMENCEMENT OF ANY WORK.

DATE:	AUGUST 11, 2023
BY:	SEPTEMBER 28, 2023
PROJECT STATUS:	FINAL
DRAWN BY:	MILAN S.
CHECKED BY:	TOM CHAMBERLAIN
SHEET:	

A1



NOT TO SCALE



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R&S SERVICES, LLC
1321 Palm Ave. St. Petersburg, Florida 34222
CJA #29281

An Interior Renovation Plan For:
Club Pilates
347 62nd Ave. N.
St. Petersburg, FL

PLEASE EXERCISE EXTREME CARE IN THE FIELD TO IDENTIFY ALL EXISTING CONDITIONS AND FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

SEAL:

DATE: AUGUST 11, 2023
REV: SEPTEMBER 28, 2023
PROJECT STATUS: FINAL
DRAWN BY: MILAN S.
JOB #: TOM CHAMBERLAIN

SHEET
A2



INSIDE OCCUPANCY				
SQ.FT	LEGEND	DESCRIPTION	AREA CAP	OCCUPANT CAPACITY
1,900		EXERCISE ROOM @ 1 PERSON / 50 SQ FT	38	26 12 STATIONS + INSTRUCTOR
614		BUSINESS @ 1 PERSON / 100 SQ FT LESS RESTROOMS & EGRESS HALLWAYS (345)	4	4
477		LOBBY @ 1 PERSON / 100 SQ FT (SEE NOTE)	4	4
204		STORAGE @ 300 GROSS PER SQ FT	1	1
TOTAL ESTABLISHMENT OCCUPANT LOAD =			47	35

1. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES WITH AN OCCUPANT LOAD OF LESS THAN 50 PERSONS AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.
2. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS LESS THAN 750 SQUARE FEET (70 M²) IN AREA AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.

BASED ON #2, THE ACCESSORY LOBBY AREA OCCUPANCY LOAD WOULD BE BASED ON THE BUSINESS LOAD.