

CONSTRUCTION DRAWINGS FOR 4 TOWNHOUSES AT:



ERICK TORRES R.A.
LICENSE # 4895479

ARCH. DESIGN:
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CHECKED BY: ARCH. ERICK TORRES

DATE: SEPTEMBER, 2023

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SHEET TITLE:

LIFE SAFETY PLAN

PROJECT: 012-2
SHEET NO:

NO

Letter LS-1

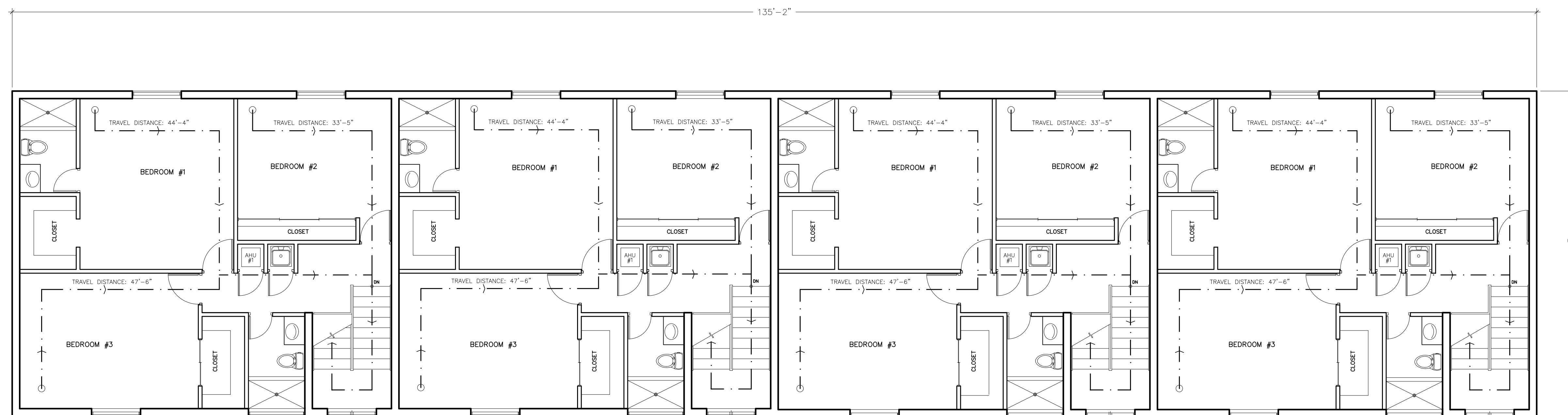
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ARCHITECTURAL WORKSHOP SHEET 6 OF

20/2024



SCALE: 3/16"=1'-0"



Second Floor Safety Plan

SCALE: 3/16"=1'-0"

MEANS OF EGRESS REQUIREMENT		FBC 2020, 7th EDITION - CHAPTER 10
Number of exits:		TOTAL: 4
Arrangement of exits:		
Max. Travel Distance to Exit:		47'-6"
Max. Dead End Corridor:		
Min. Egress Width:		36" MIN. CLEARANCE FOR DOOR.
FBC 2020, 7th EDITION - CHAPTER 10		
Doors:		WIDTH = MIN. 32" PROVIDED 3'-0"
ENTRY: DOOR TO BE PROVIDED WITH SELF CLOSING DEVICE		HEIGHT = MIN. 6'-8" - PROVIDED 6'-8"
		HARDWARE : LEVER
		THRESHOLDS: 1/2" WITH BEVELED EDGE
		SWING, DIRECTION OF EGRESS IF GREATER THAN 50' OCCUP.
		PULL SIDE: 18" FRONT APPROACH, 60" MIN. CLEARANCE
		PUSH SIDE: 12" FRONT APPROACH, 48" MIN. CLEARANCE.
		GLAZING : TEMPERED.
Emergency lighting battery backup		PROVIDED AT EACH EXIT AND THROUGHOUT AREA.
Exit sign		N/A
Fire extinguishers		N/A
FIRE PROTECTION		
Fire Alarm System		NO
Sprinkler System		NO
Smoke detector		YES

PROPOSED OCCUPANT LOAD CALCULATIONS				
OCCUPANCY GROUP: R-2				
AREA	SQUARE FOOTAGE	NFPA 101-7.3.1.2	FBC 2020	
LIVING AREA FIRST FLOOR	1,346 SQ. FT.	200sq/p	6.7 PEOPLE	6.7 PEOPLE
BEDROOMS 2nd FLOOR	1,484 SQ. FT.	200sq/p	7.4 PEOPLE	7.4 PEOPLE
TOTAL	2,830 SQ. FT.			14 PEOPLE
BATHROOMS	58 SQ. FT.			
CLOSETS	57 SQ. FT.			
TOTAL LOAD	TOTAL AREA		14 PEOPLE	14 PEOPLE
	2,945 SQ. FT.			

OCCUPANCY CLASSIFICATION

1. OCCUPANCY GROUP - 'R-2' AS PER FBC 2020, SECTION 304

BUILDING CONSTRUCTION TYPE:

1. TYPE II-A AS PER FBC 2020, 7th. EDITION.

NOTE:

FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTIVE OPENINGS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUCH IDENTIFICATION SHALL HAVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES. SUGGESTED WORDING FOR FIRE AND SMOKE BARRIERS:

"FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS."

INTERIOR WALL, CEILING AND FLOOR FINISH MATERIALS SCHEDULE						
MATERIAL	CLASSIFICATION		FLAME SPREAD INDEX		SMOKE DEVELOPED INDEX	
	PERMITTED	PROPOSED	PERMITTED	PROPOSED	PERMITTED	PROPOSED
GYPSUM BOARD (WALLS)	CLASS A	CLASS A	0-25	15	0-450	0
CERAMIC TILE (WALLS)	CLASS A	CLASS A	0-25	0	0-450	0
POLISHED CEMENT FLOOR	CLASS A	CLASS A	0-25	0	0-450	0
GYPSUM CEILING	CLASS A	CLASS A	0-25	15	0-450	0
WALL-TO-WALL INSULATION	CLASS A	CLASS A	0-25	15	0-450	0

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE FLORIDA BUILDING CODE 2020, 7th. EDITION; THE FLORIDA FIRE PREVENTION CODE 2017 6th. EDITION; NATIONAL ELECTRICAL CODE 2018 EDITION NFPA-70 2019 EDITION AND NFPA-101 2019 EDITION.
2. ALL RESTROOM DOORS SHALL OPEN FROM THE OUTSIDE BY STAFF WITH DEVICE IN EMERGENCY.
3. ALL INTERIOR FINISHES WILL COMPLY WITH THE REQUIREMENTS OF NFPA 101-SECTION 10.2.2.
4. ALL INTERIOR MATERIALS MUST MEET THE FLAME SPREAD CLASSIFICATION PER NFPA 101-13.3. AND 10.2.

DRC

PZ23-1200050

03/20/2024

PROJECT: 012-22
SHEET NO: 1
LS-1.1
ARCHITECTURAL WORKSHOP
SHEET 1 OF 8

PZ23-1200005C
03/20/2024