



LEVEL	GROSS SQ.FT.	AREA
FLOOR 1		
FLOOR 1-AREA A	20,805 SF	
FLOOR 1-AREA B	19,502 SF	
FLOOR 1-AREA C	40,307 SF	
FLOOR 2		
FLOOR 2-AREA A	20,764 SF	
FLOOR 2-AREA B	19,580 SF	
FLOOR 2-AREA C	40,362 SF	
FLOOR 3		
FLOOR 3-AREA A	20,764 SF	
FLOOR 3-AREA B	19,580 SF	
FLOOR 3-AREA C	40,362 SF	
FLOOR 4		
FLOOR 4-AREA A	20,764 SF	
FLOOR 4-AREA B	19,580 SF	
FLOOR 4-AREA C	40,362 SF	
CONSTRUCTION BLDG GROSS SQ. FT. TOTAL	161,383 SF	

SYMBOL	DESCRIPTION
⊕	EMERGENCY EXIT SIGN, RE ELECTRICAL
⊙	CEILING MOUNTED SMOKE DETECTOR, RE FIRE PROTECTION
⊗	CEILING MOUNTED SMOKE DETECTOR, RE FIRE PROTECTION
⊕	CEILING SPEAKER STROBE, RE FIRE PROTECTION
⊗	SPEAKER, RE FIRE PROTECTION
⊕	WALL SPEAKER STROBE, RE FIRE PROTECTION
⊗	MANUAL PULL STATION, RE FIRE PROTECTION
⊕	FIRE EXTINGUISHER WALL MOUNTED
⊗	FIRE EXTINGUISHER W/ SEMI-RECESSED CABINET
←	PRIMARY EGRESS PATH
→	MAX COMMON PATH OF TRAVEL
→	MAX TRAVEL DISTANCE TO EXIT
—	UNRATED PARTITION
—	2 HOUR FIRE WALL
—	8" EGRESS WIDTH x 2" STAIR # PER OCCUPANT = 8"
—	8" STAIR WIDTH = ## OCCUPANTS
—	NOTE: FIRE PROTECTION SYSTEM SHALL MEET MODULE 14 IN CRITERIA

ADAPTED BUILDING CODES	CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION
<ul style="list-style-type: none"> Florida Building Code - Building 6th Edition (2017) Florida Building Code - Mechanical 6th Edition (2017) Florida Building Code - Plumbing 6th Edition (2017) Florida Building Code - Fuel Gas 6th Edition (2017) Florida Building Code - Accessibility 6th Edition (2017) Florida Fire Prevention Code 6th Edition 2015 NFPA 101 & 2015 NFPA 1 - National Fire Code 2014 	Occupancy Classification: (Section 303) Residential - R-2
Chapter 4 - Special Detailed Requirements Based on Use and Occupancy Group R-2 (Section 401) 401.2 Separation walls Walls separating dwelling units in the same building, walls separating sleeping units in the same building and walls separating dwelling or sleeping units from other occupancies contiguous to them in the same building shall be constructed as fire partitions in accordance with Section 708, (section 401.2). 1 1/2-hour rated required NFPA (Section 303.3.2) Dwelling units shall be separated from each other by walls and floors: 1 1/2-hour rated required 420.3 Horizontal separation Floor assemblies separating dwelling units in the same building, floor assemblies separating sleeping units in the same building and floor assemblies separating dwelling or sleeping units from other occupancies contiguous to them in the same building shall be constructed as horizontal fire partitions in accordance with Section 711. 420.5 Automatic sprinkler systems Group R occupancies shall have an automatic sprinkler system in accordance with Section 903.2.2. In-radiant heat protection shall be provided in accordance with Section 903.3.3. 420.7 Fire alarm systems Group R occupancies shall have fire alarm systems and smoke detectors provided in accordance with Sections 907.2.2, 907.2.3, 907.2.4, 907.2.5, 907.2.6, 907.2.7, 907.2.8, 907.2.9, 907.2.10, 907.2.11, 907.2.12, 907.2.13, 907.2.14, 907.2.15, 907.2.16, 907.2.17, 907.2.18, 907.2.19, 907.2.20, 907.2.21, 907.2.22, 907.2.23, 907.2.24, 907.2.25, 907.2.26, 907.2.27, 907.2.28, 907.2.29, 907.2.30, 907.2.31, 907.2.32, 907.2.33, 907.2.34, 907.2.35, 907.2.36, 907.2.37, 907.2.38, 907.2.39, 907.2.40, 907.2.41, 907.2.42, 907.2.43, 907.2.44, 907.2.45, 907.2.46, 907.2.47, 907.2.48, 907.2.49, 907.2.50, 907.2.51, 907.2.52, 907.2.53, 907.2.54, 907.2.55, 907.2.56, 907.2.57, 907.2.58, 907.2.59, 907.2.60, 907.2.61, 907.2.62, 907.2.63, 907.2.64, 907.2.65, 907.2.66, 907.2.67, 907.2.68, 907.2.69, 907.2.70, 907.2.71, 907.2.72, 907.2.73, 907.2.74, 907.2.75, 907.2.76, 907.2.77, 907.2.78, 907.2.79, 907.2.80, 907.2.81, 907.2.82, 907.2.83, 907.2.84, 907.2.85, 907.2.86, 907.2.87, 907.2.88, 907.2.89, 907.2.90, 907.2.91, 907.2.92, 907.2.93, 907.2.94, 907.2.95, 907.2.96, 907.2.97, 907.2.98, 907.2.99, 907.2.100.	Chapter 5 - General Building Height and Area Allowable Building Height (Table 503.1) TYPE 5A CONSTRUCTION Allowable height of building in feet: 20' ISR Actual Building Height: 57'-3 1/2" Allowable Number of Stories (Table 503.1) TYPE 5A CONSTRUCTION Allowable number of stories: 4 Actual Number of Stories: 4 Allowable Area (Table 503.1) TYPE 5A CONSTRUCTION Allowable area in sq. ft.: 19,580 Actual Area: 19,580 Chapter 6 - Fire and Smoke Protection Features Fire Walls (Section 708) Group R - 2 hour required (exception a) Fire Barriers (Section 707) Shaft Enclosures shall comply with section 713.4: 2 hour required Interior Exit Stairways shall comply with section 1023.1: 2 hour required Bearing Walls Exterior: 1 hour Interior: 1 hour Nonbearing walls and partitions Exterior: 0 hour Interior: 0 hour Floor Construction: 1 hour Roof Construction: 1 hour Shaft Enclosures (Section 713) Fire-resistance rating (Section 713.4): 2 Hours Opening Protectives (Section 716) Door assemblies in corridors (Table 716.5): 20 minutes Door assemblies in shafts (Table 716.5): 90 minutes Chapter 9 - Fire Protection Systems Automatic Sprinkler Systems (Section 903) Group R-2 (Section 903.2.2) An automatic sprinkler system shall be provided throughout all buildings with a Group R fire area. Standpipe Systems (Section 905) Class I standpipes are allowed in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1 or 903.3.2. Portable Fire Extinguishers (Section 906) Required, min 2-A:10 Portable fire extinguishers shall be installed in all of the following locations: 1. In Group R-2 occupancies. Exception: In Group R-2 occupancies, portable fire extinguishers shall be required only in locations specified in Items 2 through 6 where such dwelling unit is provided with a portable fire extinguisher having a minimum rating of 1A:10-B:C. 2. Within 30 feet (9.144 m) of commercial cooking equipment. 3. In areas where flammable or combustible liquids are stored, used or dispensed. 4. On each floor of structures under construction, except Group R-3 occupancies, in accordance with the Florida Fire Prevention Code. 5. Where required by the Florida Fire Prevention Code. 6. Special hazard areas, including but not limited to laboratories, computer rooms and generator rooms, where required by the fire code official. Fire Alarm and Detection Systems (Section 907) Group R-2 (Section 907.2.2) A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group R-2 occupancies where any of the following conditions apply: 1. Any dwelling unit or sleeping unit is located three or more stories above the lowest level of exit discharge. 2. Any dwelling unit or sleeping unit is located more than one story below the highest level of exit discharge of any sleeping unit or sleeping unit. 3. The building contains more than 15 dwelling units or sleeping units. 2. Manual fire alarm horns are not required when the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1 or 903.3.2 and the occupant notification appliances will automatically activate throughout the notification zone upon a sprinkler water flow.

NAME	AREA/Sq.Ft. PER OCCUPANT =		STAIR EGRESS CAPACITY	HORIZONTAL EGRESS CAPACITY	
	AREA	Sq. Ft. PER OCCUPANT		REQUIRED	PROVIDED
FLOOR 1					
ACCESSORY	1,032.4 SF	300	7		
RESIDENTIAL (R-2)	37,272.7 SF	19	45		
	36,772.5 SF	200	190	194	0
FLOOR 2					
ACCESSORY	1,032.4 SF	300	7		
RESIDENTIAL (R-2)	37,303.9 SF	200	190		
	36,866.4 SF	187	187	192	102
FLOOR 3					
ACCESSORY	1,032.4 SF	300	7		
RESIDENTIAL (R-2)	37,369.1 SF	200	190		
	36,901.6 SF	187	187	192	102
FLOOR 4					
ACCESSORY	1,032.4 SF	300	7		
RESIDENTIAL (R-2)	37,369.1 SF	200	190		
	36,866.4 SF	187	187	192	102

- ### GENERAL LIFE SAFETY NOTES
- EXIT SIGNS SHALL BE PROVIDED AT ALL DOORS ALONG THE EGRESS PATH. RE: ELEC. DWGS.
 - EMERGENCY LIGHTING SHALL BE PROVIDED AS REQUIRED BY CODE. RE: ELEC. DWGS.
 - EMERGENCY LIGHTING SHALL BE PROVIDED AS REQUIRED BY CODE. RE: ELEC. DWGS.
 - EACH DOUBLE SWINGING DOOR SHALL PROVIDE A MINIMUM OF 30" CLEAR WHEN THE DOOR IS FULLY OPEN AND SHALL HAVE AN EGRESS CAPACITY OF AT LEAST 130 PEOPLE.
 - EACH DOUBLE SWINGING DOOR SHALL PROVIDE A MINIMUM OF 68" CLEAR WHEN THE DOOR IS FULLY OPEN AND SHALL HAVE AN EGRESS CAPACITY OF AT LEAST 130 PEOPLE.
 - ALL DOOR HARDWARE SHALL MEET ALL APPLICABLE CODE REQUIREMENTS FOR EGRESS AND HANDICAP ACCESSIBILITY. RE: DOOR AND HARDWARE SCHEDULES
 - RE: LIFE SAFETY PLAN FOR FIRE LOCATIONS. MOUNT 4" AFF MAX. PROVIDE LOCKING IN WALL FOR MOUNTING SUPPORT AS SPECIFIED. PRIOR TO SUBMITTING BIDS, GC SHALL COORDINATE EXACT TYPE, LOCATION, AND MOUNTING HEIGHT WITH LOCAL FIRE OFFICIAL.
 - THIS BUILDING SHALL HAVE A FULL AUTOMATIC FIRE SPRINKLER SYSTEM AND A FULL AUTOMATIC FIRE ALARM SYSTEM AS SPECIFIED IN THE ENGINEER OF RECORD DRAWINGS. THE FINAL DESIGN OF THESE SYSTEMS SHALL BE PROVIDED BY THE CONTRACTOR, DURING CONSTRUCTION. AFTER THE MAIN BUILDING PERMIT HAS BEEN ISSUED, CONTRACTOR SHALL SUBMIT TO THE LOCAL JURISDICTION SIGNED AND SEALED SHOP DRAWINGS, CALCULATIONS, AND ANY OTHER DOCUMENTATION THAT IS REQUIRED FOR FIRE SPRINKLER AND FIRE ALARM PERMITS, INSPECTION, C.O., ETC. NO WORK ON THE FIRE PROTECTION SYSTEMS SHALL TAKE PLACE UNTIL THE REQUIRED SUB-PERMITS HAVE BEEN OBTAINED BY THE CONTRACTOR. PROVIDE KNOX BOX AS REQUIRED. REFER TO THE LIFE SAFETY PLAN FOR PROPOSED LOCATION. CONTRACTOR SHALL PROVIDE AT LEAST ONE KNOX BOX ON THE BUILDING. PRIOR TO SUBMITTING BIDS, CONTRACTOR SHALL COORDINATE THE TYPE, QUANTITY, LOCATION(S), AND MOUNTING HEIGHT WITH THE LOCAL FIRE OFFICIAL. PLEASE CONTACT THE FIRE PREVENTION OFFICE TO RECEIVE THE PROPER PAPER WORK TO ENSURE THE KEY LOCK MATCHED THE COUNTY JURISDICTION.
 - WALL IDENTIFICATION: PERMANENTLY LABEL WALLS CONTAINING PENETRATION PRESTOPPING SYSTEMS WITH THE WORDS "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS USING LETTERING NOT LESS THAN 3 INCHES HIGH AND WITH MINIMUM 0.375 INCH STROKES. A. LOCATE IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING, OR ATTIC SPACE AT 15 FEET FROM END OF WALL AND AT INTERVALS NOT EXCEEDING 33 FEET. B. G.C. SHALL PROVIDE SIGNAGE FOR FIRE RISER ROOM, FIRE ALARM CONTROL PANEL ROOM, BELL SIGN FOR SPRINKLER AND OTHER REQUIRED SIGNAGES PER CODES.
 - REFER TO SHEETS 0107 FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
 - THIS DRAWING IS FOR REFERENCE ONLY.
 - DASHED LINES REPRESENT ITEMS ABOVE.
 - REFER TO FIRE PROTECTION DRAWINGS FOR FIRE SPRINKLER / FIRE PROTECTION INFORMATION.
 - FIRE EXTINGUISHERS ARE PROVIDED BY OWNER, CONTRACTOR SHALL PROVIDE BRACKETS AND CABINETS ONLY.
 - ALL EXIT SIGNS AND VISUAL NOTIFICATION APPLIANCES ARE TO BE MOUNTED TO MAXIMIZE VISIBILITY.
 - MAXIMUM TRAVEL DISTANCE TO A FIRE EXTINGUISHER IS 100 FT.
 - REFER TO SHEET 0107 FOR PARTITION TYPES AND DETAILS. PARTITIONS NOT IDENTIFIED SHALL BE TYPE ____.
 - REFER TO ____ FOR TYPICAL, RE: (0443.8.01) PLAN DETAIL.
 - REFER TO 18" FLOOR PLANS FOR PARTITION TYPES. FOR PARTITIONS NOT IDENTIFIED, USE TYPE ____.
 - PROVIDE SPRAY-APPLIED FIREPROOFING AT ALL SECONDARY STEEL FRAMING SUPPORTING FLOORS AND ROOFS TO MATCH PRIMARY COMPONENTS.
 - CONTRACTOR SHALL PROVIDE FIRE EXTINGUISHERS, BRACKETS AND CABINETS.
 - SEE SHEET ____ FOR FIRE RATED PENETRATION SCHEDULE AND DETAILS.

FLORIDA BUILDING CODE - PLUMBING	CHAPTER 4 - FIXTURES, FIXTURES FITTINGS MINIMUM NUMBER OF REQUIRED FIXTURES (Table 403.1)														
<table border="1"> <thead> <tr> <th>Classification</th> <th>Occupancy</th> <th>Water Closets/ Male/ Female</th> <th>Lavatories/ Male/ Female</th> <th>Bathrooms/ Showers</th> <th>Drinking Fountain</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>Residential</td> <td>R-2</td> <td></td> <td>1 per Dwelling</td> <td></td> <td></td> <td>1 kitchen sink per dwelling, 1 automatic clothes washer connection per 20 dwelling units</td> </tr> </tbody> </table>	Classification	Occupancy	Water Closets/ Male/ Female	Lavatories/ Male/ Female	Bathrooms/ Showers	Drinking Fountain	Other	Residential	R-2		1 per Dwelling			1 kitchen sink per dwelling, 1 automatic clothes washer connection per 20 dwelling units	DESIGN CRITERIA AND REFERENCES <ol style="list-style-type: none"> NFPA 10 Standard for Portable Fire Extinguishers, 2013 NFPA 13 Standard for the Installation of Sprinkler Systems, 2016 NFPA 24 Standard for the Installation of Stationary Pumps for Fire Protection, 2016 NFPA 25 Standard for the Installation of Water-Based Fire Protection Systems, 2016 NFPA 70 National Electrical Code, 2017 Edition NFPA 72 National Fire Alarm Code, 2016 Edition NFPA 90A Standard for the Installation of Fire-Resisting Walls and Floor Assemblies, 2015 Edition NFPA 99 Health Care Facilities Code, 2015 Edition NFPA 101 Life Safety Code, 2015 Edition NFPA 241 Standard for Safeguarding Construction, Alteration, and Demolition Operations, 2013 Edition NFPA 281 Recommended Practice for Fire Flow Testing and Marking for Hydrants, 2016
Classification	Occupancy	Water Closets/ Male/ Female	Lavatories/ Male/ Female	Bathrooms/ Showers	Drinking Fountain	Other									
Residential	R-2		1 per Dwelling			1 kitchen sink per dwelling, 1 automatic clothes washer connection per 20 dwelling units									

PROJECT NAME	PROJECT NO.	DATE	DRWING NUMBER	CHECKED	DATE
ROCKLEDGE FLATS - BUILDING B	210072	20/01/10	1001		
1220 Baron Boulevard					
Rockledge, FL 32955					
PROJECT TITLE					
LIFE SAFETY					
CLIENT NAME					
HUTTON DEVELOPMENT					
PROJECT NO.					
DATE					
DRWING NUMBER					
CHECKED					
DATE					

REVISION	NO.	DESCRIPTION	DATE

BUILDING PUBLIC SAFETY RADIO COMMUNICATIONS

THIS BUILDING SHALL COMPLY WITH NFPA CHAPTER 11.10.1 CONDUCT A TEST FOR MINIMUM RADIO SIGNAL STRENGTH TO DETERMINE COVERAGE. IF THE MINIMUM RADIO SIGNAL STRENGTH IS DEEMED INSUFFICIENT RADIO SIGNAL ENHANCEMENT SYSTEM MUST BE INSTALLED AND THE BUILDING RETESTED TO ENSURE IT MEETS THE MINIMUM CRITERIA.

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SITE KEY:

HUTTON DEVELOPMENT

ROCKLEDGE FLATS - BUILDING B

1220 Baron Boulevard
Rockledge, FL 32955

LIFE SAFETY

PROJECT NO. 210072
DATE 20/01/10
DRWING NUMBER 1001
CHECKED
DATE

NOV 03, 2015

GMP PRICING SET 15 NOVEMBER 2019

G-031