



LEVEL	GROSS SQ.FT.	AREA
FLOOR 1		
Roof 1		
CONSTRUCTION BLDG GROSS SQ. FT. TOTAL	4,671 SF	4,671 SF

NAME	AREA/Sq. Ft. PER OCCUPANT LOAD		HORIZONTAL EGRESS CAPACITY	
	AREA	Sq. Ft. PER OCCUPANT	REQUIRED	PROVIDED
FLOOR 1				
ACCESSORY	130 SF	300		
ASSEMBLY	1,082.5 SF	15		
BUSINESS	1,797 SF	100		
FITNESS	1,222.8 SF	50		
	4,240.3 SF	117	23.4	234

LIFESAFETY LEGEND

SYMBOL	DESCRIPTION
⊕	EMERGENCY EXIT SIGN
⊗	DOOR WITH MINUS 3" PER LEAF OCCUPANT CAPACITY
⊙	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
P	MANUAL PULL STATION, RE: FIRE PROTECTION
FE	FIRE EXTINGUISHER WALL MOUNTED
FEC	FIRE EXTINGUISHER W/ SEMI-RECESSED CABINET
←	PRIMARY EGRESS PATH
→	MAX COMMON PATH OF TRAVEL
→	MAX TRAVEL DISTANCE
---	UNIDENTIFIED PARTITION
---	1 HOUR WALL
---	1 HOUR FIRE WALL
---	EGRESS WIDTH AT STAIR #/ LEVEL, PER OCCUPANT + #"
---	#/ STAIR WIDTH + #/ OCCUPANTS

NOTE: FIRE PROTECTION SYSTEM SHALL MEET MODULE 14 N CRITERIA

BUILDING CODE REVIEW

Chapter 3 - Use and Occupancy Classification	Chapter 4 - Special Detailed Requirements Based on Use and Occupancy	Chapter 5 - General Building Heights and Areas	Chapter 6 - Types of Construction	Chapter 7 - Fire Protection Systems
Occupancy Classification: (Section 303) Assembly R-3	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 NFPA 101 & 2015 NFPA 1 National Electric Code 2014	Allowable Building Height: (Table 504.3) TYPE 5B CONSTRUCTION Allowable height of building in Sec 407 Actual Building Height: 18'-6" Allowable Number of Stories: (Table 504.4) TYPE 5B CONSTRUCTION Allowable number of stories Actual Number of Stories: 1 Allowable Area: (Table 504.5) TYPE 5B CONSTRUCTION Allowable area Actual Area: 4,671 S.F.	Types of Construction - (Section 602.9) Type 5 - Type V construction is the minimum type of construction which the structural elements, exterior walls, and roof are of any materials permitted by the code. Type 5B (Table 601) Primary Structural Frame Bearing Wall Non-bearing wall and partitions Interior Exterior Roof Roof Deck	Interior wall & ceiling finish requirements (Table 803.11) Group A-3 Noncombustible Exit enclosure and passageways - Class A Corridors - Class A Rooms and enclosed spaces - Class C NFPA (Section 30.3.3.2) Exit enclosures - Class B Lobbies and Corridors - Class A or Class B Other spaces - Class A, Class B or Class C

GENERAL LIFE SAFETY NOTES

- EXIT LIGHTS SHALL BE PROVIDED AT ALL EXITS ALONG THE EGRESS PATH. RE: ELEC. DWGS.
- EMERGENCY EXIT SIGN SHALL BE PROVIDED AS REQUIRED BY CODE. RE: ELEC. DWGS.
- ON EXITS, THE DOOR SHALL PROVIDE A MINIMUM OF 33" CLEAR WHEN THE DOOR IS FULLY OPEN AND SHALL HAVE AN EGRESS CAPACITY OF 33 PEOPLE.
- DOOR SWING INWARD SHALL PROVIDE A MINIMUM OF 60" CLEAR WHEN THE DOORS ARE FULLY OPEN AND SHALL HAVE AN EGRESS CAPACITY OF 33 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 BLOCKING IN WALL FOR MOUNTING SUPPORTS AS NEEDED. PRIOR TO SUBMITTING BIDS, GC SHALL COORDINATE EXACT TYPE, LOCATIONS, 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 DESIGNS 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 TYPE, QUANTITY, LOCATION(S), AND MOUNTING HEIGHT WITH THE LOCAL FIRE OFFICIAL. GC SHALL CONTACT THE FIRE PREVENTION OFFICE TO RESOLVE THE PROPER PAPER WORK TO ENSURE THEY LOOK MATCHED TO THE COUNTY JURISDICTION.
- WALL IDENTIFICATION PERMANENTLY LABEL WALLS CONTAINING PENETRATION FIRESTOPPING 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 STRIKES. A. LOCATE IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING, OR ATTIC SPACE AT 15 FEET FROM END OF WALL AND AT INTERVALS NOT EXCEEDING 30 FEET.
- G.C. SHALL PROVIDE SIGNAGE FOR FIRE RESER ROOM, FIRE ALARM CONTROL PANEL, ROOM BELL SIGN FOR SPRINKLER, AND OTHER REQUIRED SIGNAGES PER CODES.
- REFER TO SHEETS G101 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 150 FT.
- REFER TO SHEET AE... FOR PARTITION TYPES AND DETAILS. PARTITIONS NOT IDENTIFIED SHALL BE TYPE ...
- REFER TO ... FOR TYPICAL FED (10413.80) PLAN DETAIL.
- REFER TO ... 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.

BUILDING PUBLIC SAFETY RADIO COMMUNICATIONS

THIS BUILDING SHALL COMPLY WITH NFPA 1 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.

DESIGN CRITERIA AND REFERENCES

Classification	Occupancy	Water Closets Male/Female	Water Closets Male/Female	Bathrooms/Showers	Drinking Fountain	Other
Assembly	A-3	1 per 125 Male 1 per 65 Female 1 per 200 use			1 per 500	1 service sink required

- NFPA 10 Standard for Portable Fire Extinguishers, 2013
- NFPA 13 Standard for the Installation of Sprinkler Systems, 2016
- NFPA 20 Standard for the Installation of Stationary Pumps for Fire Protection, 2016
- NFPA 24 Standard for the Installation of Private Fire Service Mains and Their Appurtenances, 2016
- NFPA 70 National Electrical Code, 2017 Edition
- NFPA 72 National Fire Alarm Code, 2015 Edition
- NFPA 90A Standard for the Installation of Air-Conditioning and Ventilating Systems, 2015 Edition
- NFPA 99 Health Care Facilities Code, 2015 Edition
- NFPA 101 Life Safety Code, 2015 Edition
- NFPA 24 Standard for Safeguarding Construction, Alteration, and Demolition Operations, 2013 Edition
- NFPA 291 Recommended Practice for Fire Flow Testing and Marking for Hydrants, 2016

1 FLOOR PLAN - LIFE SAFETY C&P
3/16" = 1" = 0"

1925 Prospect Ave.
Orlando, FL 32814
P (407) 661-9100
F (407) 661-9101
www.r.p.c.com



CLIENT NAME
HUTTON DEVELOPMENT
736 Cherry Street
Chattanooga, TN 37402

PROJECT NAME
ROCKLEDGE FLATS - BUILDING C
220 Barton Boulevard
Rockledge, FL 32955

SHEET TITLE
LIFE SAFETY

Revision Schedule	Date
No. Description	Date

PROJECT NO.	210072
DATE	20/09/10
DRAWN	Author
CHECKED	Checker

G-031

GMP PRICING SET 15 NOVEMBER 2019