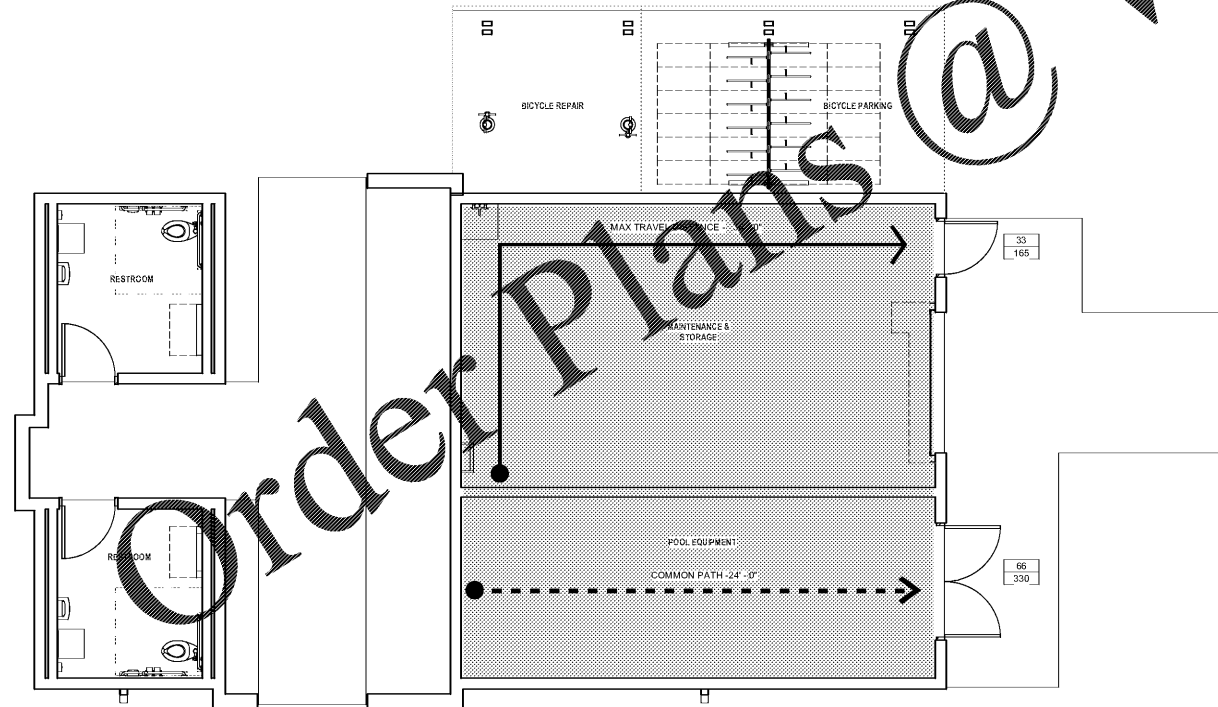


1 FLOOR PLAN - LIFE SAFETY_C&P
1/8" = 1'-0"



GROSS SQ.FT.	
LEVEL	AREA
FLOOR 1	
Floor 1	1,794 SF
Floor 1	1,794 SF
CONSTRUCTION BLDG. GROSS SQ. FT. TOTAL	1,794 SF

OCCUPANCY & CAPACITY...				
NAME	AREA/Sq.Ft. PER OCCUPANT		HORIZONTAL EGRESS CAPACITY	
	AREA	Sq. Ft. PER OCCUPANT	OCCUPANT LOAD	REQUIRED PROVIDED
FLOOR 1				
ACCESSORY	712 SF	300	3	
	712 SF		3	0.6 (6)

LIFESAFETY LEGEND	
SYMBOL	DESCRIPTION
⊕	EMERGENCY EXIT SIGN, RE. ELECTRICAL
XX XXX	DOOR WIDTH 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 FIRE ALARM 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 TO EXIT
—	GLAZED PARTITION
—	1 HOUR FIRE WALL
—	2 HOUR FIRE WALL
—	EGRESS WIDTH = STAIR # x LEVEL PER OCCUPANT + #"
—	*# STAIR WIDTH + # x OCCUPANTS
—	EGRESS PROTECTION SYSTEM SHALL MEET MODULE 14 IN CRITERIA

- ### GENERAL LIFE SAFETY NOTES
- EGRESS WIDTHS SHALL BE PROVIDED AT ALL DOORS AND THROUGH THE EGRESS PATH. RE. ELEC. DWGS.
 - EGRESS LIGHTING SHALL BE PROVIDED AS REQUIRED BY CODE. RE. ELEC. DWGS.
 - EACH WINDOW DOOR SHALL HAVE A MINIMUM OF 33" CLEAR WHEN THE DOOR IS FULLY OPEN AND SHALL HAVE AN EGRESS CAPACITY OF AT LEAST 200 PEOPLE.
 - EACH WINDOW DOOR SHALL PROVIDE A MINIMUM OF 66" CLEAR WHEN THE DOORS ARE FULLY OPEN AND SHALL HAVE AN EGRESS CAPACITY OF AT LEAST 200 PEOPLE.
 - ALL WINDOW HARDWARE SHALL MEET ALL APPLICABLE CODE REQUIREMENTS FOR EGRESS AND HANDICAP ACCESSIBILITY. RE. DOOR AND HARDWARE.
 - RE. LIFE SAFETY PLAN FOR (FE) LOCATIONS. MOUNT 4" AFF MAX. PROVIDE BLOCKING IN WALL FOR MOUNTING SUPPORT AS NEEDED. 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 AND 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. A BASE CONTACT THE FIRE PREVENTION OFFICE TO RECEIVE THE PROPER PAPER WORK TO ENSURE THE KEY-LOCK MATCHES 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 STROKES.
 - 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 RISER 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 _____ FOR PARTITION TYPES AND DETAILS. PARTITIONS NOT IDENTIFIED SHALL BE TYPE _____.
 - REFER TO _____ FOR TYPICAL, FED (104413.801) PLAN DETAIL.
 - REFER TO 18" FLOOR PLANS FOR PARTITION TYPES. FOR PARTITIONS NOT IDENTIFIED, USE TYPE _____.
 - PROVIDE BRACKETS AND CABINETS FOR 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 CODE REVIEW	
Adopted 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 w/ 2015 NFPA 101 & 2015 NFPA 1 National Electric Code 2014 	Occupancy Classification: (Section 303) USE CLASSIFICATION Uddy U
Chapter 4 - Special Detailed Requirements Based on Use and Occupancy Not applicable	Chapter 5 - General Building Heights and Areas Allowable Building Height: (Table 504.3) TYPE 5B CONSTRUCTION Allowable height of building in feet: 47' Actual Building Height: 14' - 0" Allowable Number of Stories: (Table 504.4) TYPE 5B CONSTRUCTION Allowable number of stories: 1 Actual Number of Stories: 1 Allowable Area: (Table 506.2) TYPE 5B CONSTRUCTION Allowable Area: 300 S.F. Actual Area: 300 S.F. Modifications: (Section 507) Not applicable Use Area: (Section 509) Not applicable
Chapter 6 - Types of Construction Types of Construction: (Section 602.5) Type 5 - Type V construction is the type of construction which the structural elements, exterior walls and interior walls are of any materials permitted in this code. (Table 601) Primary Structural Frame: 0 hour Exterior Walls: 0 hour Interior Walls and Partitions: 0 hour Floor Construction: 0 hour Roof Construction: 0 hour	Chapter 7 - Fire and Smoke Protection Features Not applicable
Chapter 8 - Interior Finishes Interior wall & ceiling finish requirements (Table 803.11) No Restrictions	Chapter 9 - Fire Protection Systems Automatic Sprinkler Systems - (Section 903): Not required (Will be provided) Portable Fire Extinguishers (Section 906): Not Required (Will be provided) Fire Alarm and Detection Systems - (Section 907): Not Required
Chapter 10 - Means of Egress: See Life Safety Sheets for additional information. Occupant Load (Section 1004) See LS sheets for additional information. Occupant Load (Table 1004.1.2) 1,809 SF / 300 Gross SF = 6 Occupants Spaces with One Exit (Table 1006.2.1) Group U: 49 Occupants Maximum Common Path of Travel: 100'-0" max # of 4" actual Accessible Means of Egress (Section 1009) Accessible means of egress in accordance with the FBC, Accessibility. Exit Access Travel Distance (Section 1017) Travel Distance (Table 1017.2) Group U: 300'-0"	

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 DETERMINED INSUFFICIENT, RADIO SIGNAL ENHANCEMENT SYSTEM MUST BE INSTALLED AND THE BUILDING RETESTED TO ENSURE IT MEETS THE MINIMUM CRITERIA.

- ### DESIGN CRITERIA AND REFERENCES
- 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, 2016 Edition
 - NFPA 90A Standard for the Installation of Air-Conditioning and Ventilating Systems, 2016 Edition
 - NFPA 99 Health Care Facilities Code, 2016 Edition
 - NFPA 101 Life Safety Code, 2016 Edition
 - NFPA 201 Standard for Safeguarding Construction, Alteration, and Demolition Operations, 2013 Edition
 - NFPA 201 Recommended Practice for Fire Flow Testing and Marking for Hydrants, 2016

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SITE KEY:

CLIENT NAME: **HUTTON DEVELOPMENT**
756 Cherry Street
Chattanooga, TN 37402

PROJECT NAME: **ROCKLEDGE FLATS - BUILDING D**
220 Barton Boulevard
Rockledge, FL 32955

SHEET TITLE: **LIFE SAFETY**

NOV 03, 2015

Revision Schedule		
No.	Description	Date

PROJECT NO. 21002
DATE 20/11/10
DRAWN
CHECKED
Checked

G-031

GMP PRICING SET 15 NOVEMBER 2019