



FIRE EXTINGUISHER CABINET

SCALE: 1 1/2" = 1'-0"

FIRE EXTINGUISHER CALCULATIONS

ASSEMBLY - LIGHT (LOW) HAZARD
4,648 S.F. @ 1 PER 3,000 S.F. = 1.55 CALCULATED
= 2 REQUIRED
= 4 PROVIDED

FIRE EXTINGUISHER TYPE.

2A: 10b.C. PER TABLE 5.2.1 OF 2009 NFPA 10 (CLASS "A" HAZARD)

PLUMBING, MINIMUM FACILITIES

2014 FPC - TABLE 403.1

FIXTURE TYPE	REQUIRED PER OCCUPANTS	REQUIRED	PROVIDED
MALE (108 OCC.):			
WATER CLOSETS	1:125	1	2
LAVATORIES	1:200	1	3
URINALS (2014 FPC 419) (SUBSTITUTION)	NO MORE THAN 67% OF WC	0	2
FEMALE (108 OCC.):			
WATER CLOSETS	1:65	2	4
LAVATORIES	1:200	1	3
DRINKING FOUNTAINS (OR CONTRACT WATER DISPENSER)	1:500	1	4
SERVICE SINKS		1	1

INTERIOR FINISH CLASSIFICATION

OCCUPANCY	EXITS	ACCESS	OTHER SPACES
ASSEMBLY (A-3)	A	A	C

- WHEREVER THE USE OF CLASS C INTERIOR WALL AND CEILING FINISH IS REQUIRED, CLASS A OR CLASS B SHALL BE PERMITTED. WHERE CLASS B INTERIOR WALL AND CEILING FINISH IS REQUIRED, CLASS A SHALL BE PERMITTED.
- REFERENCE 2014 FBC TABLE 803.5 AND 2003 NFPA 101.

GENERAL LIFE SAFETY NOTES

- THIS PROJECT IS TO BE CONSTRUCTED UNDER THE PROVISIONS OF THE FLORIDA BUILDING CODE 2014 EDITION, NFPA 1 AND NFPA 101, ADA, FLORIDA STATE STATUTES AND ALL OTHER APPLICABLE CODES.
- REFER TO (ARCH.) FLOOR PLANS FOR ROOM NAME, ROOM NUMBER, LOCATION OF SPECIFIC PARTITION DETAILS & WALL TYPES.
- NET AREAS ARE CALCULATED WITH FIXED ELEMENTS SUCH AS WALLS, LOCKERS, COLUMNS, CABINETS, ETC. EXCLUDED.
- ALL BUILDING AREAS CALCULATED TO OUTSIDE FACE OF EXTERIOR WALL.
- FOR ALL EMERGENCY LIGHTING, SEE 'E' DRAWINGS.
- EXIT SIGNS SHALL BE MOUNTED AT DISTANCES NOT TO EXCEED 100'-0".

EXIT DOOR NOTES

- EXIT DOORS SHALL NOT BE LOCKED FROM EGRESS AND SHALL CONFORM TO 1008.1.8.3 (LOCKS AND LATCHES) 1008.1.8.6 (DELAYED EGRESS LOCKS)
- DOORS NOTED SHALL BE EQUIPPED WITH A SPECIAL LOCKING ARRANGEMENT AS FOLLOWS**
 - UNLOCK UPON FIRE ALARM ACTIVATION
 - UNLOCK UPON LOSS OF POWER CONTROLLING THE LOCK OR LOCKING MECHANISM AND.
 - INITIATE AN IRREVERSIBLE PROCESS WHICH WILL RELEASE THE LATCH IN NOT MORE THAN 15 SECONDS WHEN A FORCE OF NOT MORE THAN 15 POUNDS IS APPLIED FOR 1 SECOND TO THE RELEASE DEVICE. THE INITIATION OF THE RELEASE PROCESS SHALL ACTIVATE AN AUDIBLE SIGNAL IN THE VICINITY OF THE DOOR TO ENSURE THOSE ATTEMPTING TO EGRESS THAT THE SYSTEM IS FUNCTIONAL. ONCE THE DOOR LOCK HAS BEEN RELEASED BY THE APPLICATION OF FORCE TO RELEASING DEVICE, RELOCKING SHALL BE BY MANUAL.
 - THE DOOR LOCKS SHALL HAVE THE CAPABILITY OF BEING UNLOCKED BY A SIGNAL FROM THE FIRE COMMAND CENTER.
 - ON THE WALL ADJACENT TO THE RELEASE DEVICE A SIGN SHALL BE POSTED THAT READS:
"PUSH UNTIL ALARM SOUNDS.
DOOR CAN BE OPENED IN 15 SECONDS."
 - EMERGENCY LIGHTING SHALL BE PROVIDED AT THE DOOR.

RATED ASSEMBLIES

- *RATED DOOR ASSEMBLIES IN EXTERIOR 1 HR RATED WALLS SHALL BE 3/4 HOUR RATED PER FBC TABLE 715.4.
- *RATED DOOR ASSEMBLIES IN INTERIOR 1 HR RATED CORRIDOR WALLS SHALL BE 3/4 HOUR RATED PER FBC TABLE 715.4.
- *INTERIOR WINDOWS IN RATED CORRIDOR WALLS SHALL BE CONSTRUCTED OF WIRED GLASS PANELS WITH A OPENING FIRE PROTECTION RATING OF 45 MINUTES PER FBC TABLE 715.4 WITH MAXIMUM AREA AND DIMENSIONS PER FBC TABLE 715.4.3.
- *WIRED GLASS PANELS SHALL BE INSTALLED IN ALL FIRE RATED GLAZING COMPONENTS IN ACCORDANCE WITH FBC 715.4.3.
- *SEE SHEET ? FOR DOOR SCHEDULE INDICATING RATED DOOR ASSEMBLIES. SEE SHEETS ? THRU ? FOR DOOR AND WINDOW DESIGNATIONS.

FIRE SPRINKLER SYSTEM NOTES

- THE CONTRACTOR SHALL INSTALL A FULLY SPRINKLERED FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH NFPA-13.
- HAZARD AREAS PER 61C15-32:
LIGHT HAZARD AREAS DESIGNED FOR 0.1 GPM / SF AND A MAXIMUM OF 225 SF / SPRINKLER.
ORDINARY HAZARD AREAS DESIGNED FOR 0.15 GPM / SF AND A MAXIMUM OF 130 SF / SPRINKLER.
ORDINARY HAZARD AREAS DESIGNED FOR 0.2 GPM / SF AND A MAXIMUM OF 130 SF /SPRINKLER.
- FIRE SPRINKLER CONTRACTOR SHALL PROVIDE SIGNED AND SEALED SHOP DRAWINGS.
- SEPARATE PERMIT REQUIRED BY FIRE SPRINKLER SUB-CONTRACTOR.

EXISTING BUILDING RENOVATION DATA

GENERAL DESCRIPTION OF PROPOSED PROJECT:
THE SCOPE OF THIS PROJECT INCLUDES THE INTERIOR RENOVATIONS AND ADDITIONS TO THE EXISTING WOODFIELD HUNT CLUB 1-STORY PRIVATE COMMUNITY CLUBHOUSE BUILDING AS INDICATED. THE BUILDING IS LOCATED AT 4420 WOODFIELD BLVD., BOCA RATON, FLORIDA. RENOVATION INCLUDES INTERIOR DEMOLITION FOR REMODELING AND EXTERIOR DEMOLITION INCLUDING REMOVAL OF THE ROOFED OPEN AIR SOUTH CANOPY TO ACCOMMODATE THE NEW ADDITION. THE RENOVATION OF THE EXISTING INCLUDES DEMOLITION OF SOME INTERIOR PARTITIONS, CEILINGS, FIXTURES, FINISHES, CASEWORK, LIGHTING, POWER, LOW VOLTAGE VOICE-DATA AND PLUMBING FIXTURES FOR REPLACEMENT WITH NEW. THE ENTIRE BUILDING (BOTH EXISTING AND NEW) WILL RECEIVE MATCHING IMPACT RATED WINDOWS AND DOORS. THE ADDITION, WHICH RECEIVED SITE PLAN AND C.A.B. APPROVAL IN JAN. 2016, INCLUDES INSTALLATION OF FOUNDATIONS, FLOOR SLAB, EXTERIOR BEARING WALLS, ROOF TRUSSES, A ROOF SYSTEM WITH TILE TO MATCH THE EXISTING, CEILINGS, WALL AND ATTIC INSULATION, PARTITIONS, TWO NEW UNISEX BARRIER-FREE RESTROOMS, FITNESS ROOM, AEROBICS ROOM AND STORAGE ROOM, FINISHES, FIXTURES, POWER LIGHTING, HVAC, LOW VOLTAGE VOICE DATA AND PLUMBING. ALSO INCLUDED IS THE CONSTRUCTION OF A NEW ROOFED PAO AREA AT THE WEST SIDE. THE ONLY SITE IMPROVEMENTS INCLUDE TIE-IN OF NEW PLUMBING AND INSTALLATION OF LANDSCAPING AND IRRIGATION AROUND THE NEW ADDITION.

CODE DATA:

BUILDING CODE _____ FLORIDA BUILDING CODE, 2014 EDITION.
BUILDING CODE FOR EXISTING _____ FLORIDA EXISTING BUILDING CODE, 2014 EDITION.
LIFE SAFETY CODE _____ N.F.P.A. 101, LIFE SAFETY CODE, 2014 EDITION
HANDICAP ACCESSIBILITY CODE _____ FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (CHAPTER #11 2014 FLORIDA BUILDING CODE)
PLUMBING CODE _____ FLORIDA PLUMBING CODE, 2014 EDITION
MECHANICAL CODE _____ FLORIDA MECHANICAL CODE, 2014 EDITION
ELECTRICAL CODE _____ FLORIDA ELECTRIC CODE 2014 EDITION
ENERGY CODE _____ FLORIDA ENERGY CODE, (CHAPTER #13, 2014 FLORIDA BUILDING CODE)
FIRE PREVENTION CODE _____ FLORIDA FIRE PREVENTION CODE, (BASED ON N.F.P.A.-1 & N.F.P.A.-101, 2012 EDITION)
FIRE ALARM CODE _____ NATIONAL FIRE ALARM CODE (N.F.P.A. - 72, 2010 EDITION)
FIRE EXTINGUISHER CODE _____ PORTABLE FIRE EXTINGUISHERS (N.F.P.A.- 10, 2010 EDITION)
BUILDING CONSTRUCTION, RENOVATION & DEMOLITION CODE _____ STANDARDS FOR SAFEGUARDING CONSTRUCTION, ALTERATIONS & DEMOLITION OPERATIONS (N.F.P.A. - 241, 2009 EDITION)
FIRE SPRINKLER CODE _____ (NOT APPLICABLE)
O.S.H.A. - TITLE 29 / LABOR _____ (CURRENT EDITION)
NOTE: THE GENERAL CONTRACTOR AND THEIR SUB-CONTRACTORS REMAIN RESPONSIBLE FOR ASSURING THAT ALL INSTALLATIONS MADE AS PART OF OR IN ASSOCIATION WITH THIS PROJECT ARE TO PROCEED IN STRICT COMPLIANCE WITH ANY AND ALL APPLICABLE CODES, ORDINANCES OR REGULATIONS, WHETHER REFERENCED HEREIN OR NOT.

RENOVATION & ADDITION CLASSIFICATIONS:

LEVEL OF ALTERATION (FBC-EXISTING BUILDING, 1001) _____ ALTERATION LEVEL 3
OCCUPANCY CLASSIFICATION (FBC 302 & NFPA 3.3.134) _____ A-3 ASSEMBLY
CONSTRUCTION TYPE (FBC TABLE 503 & NFPA 8.2.1) _____ TYPE V-B, UN-SPRINKLERED
MAXIMUM ALLOWABLE BUILDING AREA _____ 6,000 G.S.F.
PROPOSED BUILDING AREAS:
EXIST. A/C FLOOR AREA: _____ 2,156 G.S.F.
NEW ADDITION A/C FLOOR AREA: _____ 2,494 G.S.F.
TOTAL PROPOSED BUILDING AREA: _____ 4,650 G.S.F.
MAXIMUM ALLOWABLE BUILDING HEIGHT _____ 40 FT.
PROPOSED BUILDING HEIGHT _____ 28 FT. (PEAK), 19 FT. (MID)
MAXIMUM ALLOWABLE NUMBER OF STORIES _____ 2 (TWO)
PROPOSED NUMBER OF STORIES _____ 1 (ONE) (EXIST. TO REMAIN)
OCCUPANCY LOAD (FBC 1004) _____
(A-3 ASSEMBLY) _____ 2,431 N.S.F. + 15 S.F./OCC. = 165 OCC.
(EXERCISE) _____ 2,167 G.S.F. + 50 S.F./OCC. = 44 OCC.
(KITCHEN) _____ 213 G.S.F. +150 S.F./OCC. = 2 OCC.
(MECHANICAL & CLOSET) _____ 350 G.S.F. +300 S.F./OCC. = 4 OCC.
TOTAL _____ TOTAL OCCUPANTS = 215 OCC

EGRESS & LIFE SAFETY REQUIREMENTS (FOR RENOVATION):

FIRE-SPRINKLER SYSTEM _____ NO, UN-SPRINKLERED
MONITORED FIRE ALARM SYSTEM (FBC 907) _____ NO, NOT INCLUDED
MINIMUM NUMBER OF EXITS (FBC 1015) _____ 1 (ONE)
PROPOSED NUMBER OF EXITS _____ 3 (THREE)
MAXIMUM TRAVEL DISTANCE (FBC 1016) _____ 200 FT.
PROPOSED MAXIMUM TRAVEL DISTANCE _____ 60 FT.
MAXIMUM COMMON PATH OF TRAVEL (FBC 1014) _____ 100 FT.
PROPOSED MAX. COMMON PATH OF TRAVEL _____ (NONE PROPOSED)
MAXIMUM DEAD END CORRIDOR (FBC 1018) _____ 20 FT.
PROPOSED MAX. DEAD END CORRIDOR _____ (NONE PROPOSED)
MINIMUM CORRIDOR WIDTH (FBC 1018) _____ 44 IN.
PROPOSED MIN. CORRIDOR WIDTH _____ 46"
MINIMUM EGRESS STAIR WIDTH (FBC 1005) _____ .3 IN. PER OCCUPANT
PROPOSED MIN. EGRESS STAIR WIDTH _____ (NOT APPLICABLE)

MINIMUM EGRESS DOOR WIDTH (FBC 1005) _____ .2 IN. PER OCCUPANT
215 OCC. X .2 IN. = 43.0 IN.
TOTAL EGRESS DOOR WIDTH PROVIDED _____ 270 IN. (CLEAR)
PROPOSED MIN. EGRESS DOOR WIDTH _____ 34 IN. (CLEAR)
MINIMUM EXIT CLEAR HEIGHT (FBC 1003) _____ 7'-6" TYP. & 6'-8" @ DOORS & OBSTRUCTIONS
PROPOSED EXIT CLEAR HEIGHT (FBC 1003) _____ 8'-0" TYP. & 6'-8" @ DOORS

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:

HAZARD CLASSIFICATION OF CONTENTS (NFPA CH. 6) _____ ORDINARY
MAXIMUM PORTABLE FIRE EXTINGUISHER TRAVEL _____ 75 FT. DISTANCE (NFPA-10 CH. 5)
DISTANCE FROM BUILDING TO COMMON OR ASSUMED PROPERTY LINE: _____
NORTH _____ 10 FT.
EAST _____ 25 FT.
SOUTH _____ 70 FT.
WEST _____ 20 FT.
EXTERIOR BEARING WALLS (PER FBC TABLES 601, 602 & 705.8) _____
NORTH _____ 0 HRS., REQ'D. OPG. = 15% PROVIDED = 7%
EAST _____ 0 HRS., REQ'D. OPG. = 70% PROVIDED = 12%
SOUTH _____ 0 HRS., REQ'D. OPG. = U/L %
WEST _____ 0 HRS., REQ'D. OPG. = 45% PROVIDED = 12%
EXTERIOR NON-BEARING WALLS (PER FBC TABLES 601 & 602) _____
NORTH _____ X HRS., REQ'D. OPG. = XX% PROVIDED = XX% (N/A)
EAST _____ X HRS., REQ'D. OPG. = XX% PROVIDED = XX% (N/A)
SOUTH _____ X HRS., REQ'D. OPG. = XX% PROVIDED = XX% (N/A)
WEST _____ X HRS., REQ'D. OPG. = XX% PROVIDED = XX% (N/A)
FIRE & SMOKE SEPARATION _____
OCCUPANCY SEPARATION (HORIZONTAL AND VERTICAL (PER FBC 706.3.7A, NFPA TABLE 6.1.14.4.1) _____ N/A
TENANT SEPARATION (HORIZONTAL AND VERTICAL (PER FBC 706.3.6 & 302.3.2) _____ N/A
PARTY & FIRE WALLS (PER FBC 705 & 706) _____ N/A
INTERIOR BEARING WALLS (FBC TABLE 601) _____ N/A
INTERIOR NON-BEARING WALLS (FBC TABLE 601) _____ N/A
ATRIUM SEPARATION (FBC 404) _____ N/A
CEILING SPACE SMOKE-DRAFT STOPS _____ 3,000 S.F., MAX. (N/A)
EXIT ACCESS CORRIDOR (FBC _____ N/A
CORRIDOR (FBC 1016.1) _____ N/A
COLUMNS (FBC TABLE 601) _____ X
BEAMS / GIRDERS (FBC TABLE 601) _____ X
FLOOR / CEILING (FBC TABLE 601) _____ X
ROOF / CEILING (FBC TABLE 601) _____ X
TERMINATION ROOM (FBC TABLE 601) _____ (NOT APPLICABLE)
STAIRS (FBC) _____ X HRS., REQ'D. OPG. = XX% PROVIDED = XX% (N/A)
ELEVATORS (FBC & NFPA 9.4) _____ X HRS., REQ'D. OPG. = XX% PROVIDED = XX% (N/A)
VERTICAL SHAFTS (FBC 707.1, 707.4 & NFPA 8.2.5) _____ X HRS., REQ'D. OPG. = XX% PROVIDED = XX% (N/A)
CHUTES (FBC -- & NFPA 9.5) _____ X HRS., REQ'D. OPG. = XX% PROVIDED = XX% (N/A)

FIRE PROTECTION / LIFE SAFETY SYSTEMS

AUTOMATIC FIRE SPRINKLER SYSTEM (FBC 903) _____ SYSTEM REQ'D.: NO
SYSTEM PROVIDED: NO
FIRE STAND PIPES SYSTEM (FBC 905.1) _____ SYSTEM REQ'D.: NO
SYSTEM PROVIDED: NO
AUTOMATIC FIRE ALARM SYSTEM (FBC 907) _____ SYSTEM REQ'D.: NO
SYSTEM PROVIDED: YES
EMERGENCY BACKUP POWER GENERATOR SYSTEM _____ SYSTEM REQ'D.: NO
SYSTEM PROVIDED: YES

REVISIONS	BY

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SLATTERY & ASSOCIATES
FLORIDA REGISTRATION # AA0003381
DATE OF SEAL: 7-27-16

LIFE SAFETY DATA

DRAWN	CR, DR
CHECKED	CR
DATE	7-21-16
SCALE	AS NOTED
JOB NO.	2014-33
SHEET	

A252