



1 FIRE EXTINGUISHER CABINET
 A252 SCALE: 1 1/2" = 1'-0"

PLUMBING, MINIMUM FACILITIES 2014 FPC - TABLE 403.1

OCCUPANT LOAD: 346 OCCUPANTS (CALCULATE 'DAYCARE' AS 'EDUCATIONAL' PER FBC-P, 403.1)

FIXTURE TYPE	REQUIRED PER OCCUPANTS	REQUIRED	PROVIDED
WATER CLOSETS	1 PER 50	7	6*
LAVATORIES	1 PER 50	8	9
URINALS (2014 FPC 419) (* SUBSTITUTION)	NO MORE THAN 67% OF WC	0	1*
DRINKING FOUNTAINS	1 PER 100	4	6
SERVICE SINKS	1 REQUIRED	1	1

INTERIOR FINISH CLASSIFICATION

OCCUPANCY	EXITS	ACCESS	OTHER SPACES
DAYCARE (D)	B	C	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 2009 NFPA 101.

GENERAL LIFE SAFETY NOTES

- THIS PROJECT IS TO BE CONSTRUCTED UNDER THE PROVISIONS OF THE FLORIDA BUILDING CODE 2014 EDITION WITH AMENDMENTS, NFPA 1 AND NFPA 101, ADA, FLORIDA STATE STATUTES AND ALL OTHER APPLICABLE CODES AND ORDINANCES.
- 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.
- WET FIRE HYDRANTS ARE REQUIRED PRIOR TO, DURING AND AFTER CONSTRUCTION.
- EXIT SIGNS SHALL BE MOUNTED AT DISTANCES NOT TO EXCEED 100'-0".
- STORAGE ROOMS INCIDENTAL TO THE PRIMARY OCCUPANCY OVER 100 S.F. NEED NOT BE PROTECTED WHEN AN AUTOMATIC FIRE EXTINGUISHING SYSTEM IS INSTALLED.
- DEAD END CORRIDORS - WHERE MORE THAN ONE EXIT OR EXIT ACCESS DOORWAY IS REQUIRED, THE EXIT ACCESS SHALL BE ARRANGED SUCH THAT THERE ARE NO DEAD ENDS IN CORRIDORS MORE THAN 20 FT. IN LENGTH

EXIT DOOR NOTES

EXIT DOORS SHALL NOT BE LOCKED FROM EGRESS AND SHALL CONFORM TO FBC 1008.1.8.3 (LOCKS AND LATCHES) AND FBC 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.

FIRE SPRINKLER SYSTEM NOTES

- THE CONTRACTOR SHALL INSTALL A FULLY SPRINKLERED FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH NFPA-13.
- HAZARD AREAS PER 61G15-32:
 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 AND CALCULATIONS TO THE BUILDING OFFICIAL IN ORDER TO ATTAIN A SUB-PERMIT.
- SEPARATE SUB-PERMITS ARE REQUIRED BY FIRE SPRINKLER AND FIRE ALARM SYSTEM SUB-CONTRACTORS.

CODE INFORMATION

**1. FIRE RESISTANT RATING OF STRUCTURAL ELEMENTS
 FBC TABLES 601 & 602**

	TYPE V-B
1) STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS, TRUSSES	0 HR
2) EXTERIOR BEARING WALLS	0 HR*
INTERIOR BEARING WALLS	0 HR*
3) EXTERIOR NON-BEARING WALLS AND PARTITIONS	0 HR*
4) INTERIOR NON-BEARING WALLS AND PARTITIONS	0 HR*
5) FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0 HR
6) ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0 HR
7) EXIT ACCESS CORRIDORS (2014 FBC TABLE 1016.1)	0 HR
8) FIRE WALLS (2014 FBC 705)	N/A
9) FIRE SEPARATION ASSEMBLIES: EXIT ENCLOSURES (2014 FBC 707)	N/A
SHAFT ENCLOSURE (2014 FBC 707)	N/A
MIXED USE SEPARATIONS [NFPA 101 TABLES 6.1.14.4.1 (a & b) / 2014 FBC TABLE 602]	N/A
10) SMOKE BARRIERS (2014 FBC 710)	N/A

*NOT LESS THAN THE FIRE-RESISTANCE RATING BASED ON FIRE SEPARATION DISTANCE OR OTHER AREAS OF THE 2014 FBC.

2. FIRE ALARM / PROTECTION SYSTEMS

- SUPPRESSION SYSTEM FULL LIMITED AREA
- NOTIFICATION/ALARMS STROBESHORN MANUAL PULL STATIONS/SMOKE DETECTORS
- DETECTION

3. ACCESSIBLE BUILDING DESIGNATED * NON-DESIGNATED

4. APPLICABLE CODES

FLORIDA BUILDING CODE	2014*
• FLORIDA BUILDING CODE	2014*
• FLORIDA PLUMBING CODE	2014*
• FLORIDA MECHANICAL CODE	2014*
• FAIR HOUSING DESIGN MANUAL	N/A
• FLORIDA ACCESSIBILITY CODE	2014
• FLORIDA FIRE PREVENTION CODE	2012
• NFPA 70 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, INC.	2008

STATE HEALTH CODE	CURRENT
OSHA-TITLE 29/LABOR	CURRENT
SECTION 504	CURRENT

- REHABILITATION ACT 1973 INCLUDING UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) AND 504 REGULATIONS
- ICC/ANSI A117.1-2003
- THE AMERICANS WITH DISABILITIES ACT AND PUBLIC LAW 101-336 INCLUDING AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) AND ADA REGULATIONS

5. INTERIOR FINISHES

INTERIOR FINISHES AS SPECIFIED ON THIS SHEET REFER TO 2010 FBC TABLE 803.5 AS WELL AS 2009 NFPA 101.

6. COMMON PATH OF TRAVEL

IN OCCUPANCIES IN GROUPS H-1, H-2, AND H-3, THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 25 FEET. THE COMMON PATH OF EGRESS TRAVEL IN OCCUPANCIES IN GROUP M SHALL BE 100 FEET IN BUILDINGS PROTECTED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1

7. MAXIMUM TRAVEL DISTANCE

THE MAXIMUM EXIT ACCESS TRAVEL DISTANCE PERMITTED IN THIS BUILDING SHALL BE 300'-0" PER FBC TABLE 1016.1 FOR BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM.

OCCUPANT LOAD & CALCS.

AREA UNDER ROOF	9,038 G.S.F. (BLDG. FOOTPRINT)
DAYCARE (D) (AS: E)	5,904 N.S.F. @ 1:20 = 295.2 OCC.
ACCESSORY (A) (FOYER)	215 N.S.F. @ 1:5 = 43.0 OCC.
ACCESSORY (B) (OFFICES)	668 G.S.F. @ 1:100 = 6.7 OCC.
ACCESSORY (S-M) (CLOS. & MECH.)	286 G.S.F. @ 1:300 = .9 OCC.
A/C OCCUPANT LOAD	345.8 (346) OCC.
9 EXITS PROVIDED	39.4 OCC. / EXIT
TOT. MIN. EXIT WIDTH REQ.	39.4 x .2 = 7.87"
TOT. EXIT WIDTH PROVIDED	374" CLEAR
TOTAL OCCUPANTS	346 OCCUPANTS

FIRE EXTINGUISHER CALCS.

DAYCARE - LIGHT (LOW) HAZARD	9,038 G.S.F. @ 1 PER 3,000 G.S.F.	= 3.01 CALCULATED
		= 4 REQUIRED
		= 11 PROVIDED

FIRE EXTINGUISHER TYPE:

2A:10b:C. PER TABLE 6.2.1.1 OF 2009 NFPA 10 (CLASS "A" HAZARD)

BUILDING DATA

MAXIMUM ALLOWABLE HEIGHT:	40'-0"
PROPOSED HEIGHT:	24'-0"
NUMBER OF STORIES:	1 STORY
MAX. ALLOW. AREA PER FLOOR	9,500 S.F.
(FBC TABLE 503):	
PROPOSED BUILDING AREA:	9,038 G.S.F.
CONSTRUCTION TYPE:	V-B SPRINKLERED
OCCUPANCY TYPE:	(D) - DAYCARE

LIFE SAFETY LEGEND

TRAVEL DISTANCE: 300'	MAXIMUM TRAVEL DISTANCE (MAXIMUM TRAVEL DISTANCE = 300')
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REVISIONS	BY

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BIDDING NOT FOR CONSTRUCTION
 SEAL DATE: X-X-X
 SLATTERY & ASSOCIATES
 FLORIDA REGISTRATION # AA0003381

A252

DRAWN	CR, DR, AB
CHECKED	KB
DATE	10-21-16
SCALE	AS NOTED
JOB NO.	2011-64
SHEET	

BUILDING DATA

PHASE: C.D. SET 10-21-16