

### **BUILDING PLAN - FIRE SAFETY GUIDE**

### **BUILDING REHABILITATION - CHANGE OF USE OR CHANGE OF OCCUPANCY**

CHANGE OF USE OR OCCUPANCY FROM RESIDENTIAL DWELLINGS OR VILLAS TO DAY CARE, SCHOOLS AND/OR OFFICES  OCCUPANCY CLASSFICATION**  A VILLAS TO PRE-SCHOOL  RESIDENTIAL DWELING OR VILLAS CHANGE TO PRE-SCHOOL (PART DAY-CARE, NURSERY OR KNOERGARTER) DAY-CARE OR EDUCATIONAL OCCUPANCY  OCCUPANCY CLASSFICATION  VILLAS TO SCHOOL  RESIDENTIAL DWELING OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE BULCATIONAL OCCUPANCY  OCCUPANCY CLASSFICATION  VILLAS TO SCHOOL  RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE BULCATIONAL OCCUPANCY  OCCUPANCY CLASSFICATION  OCCUPANCY CLASSFICATION  OCCUPANCY CLASSFICATION  VILLAS TO SCHOOL  RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE BULCATIONAL OCCUPANCY  OCCUPANCY CLASSFICATION  OCCUPANCY SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE BULCATIONAL OCCUPANCY  OCCUPANCY SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE BULCATIONAL OCCUPANCY SHE ROCKING  OCCUPANCY SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE BULCATIONAL OCCUPANCY SHE ROCKING  OCCUPANCY SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE THROUGH 12TH ORADGE SHE RESIDENTIAL DWELINGS OR VILLAS CHANGE TO SCHOOL (1º GRADE T	ı	APPLICATIONS								
A VILLAS TO PRE-SCHOOL  RESIDENTIAL DWELLING OR VILLAS CHANGE TO PRE-SCHOOL (PART DAY-CARE, NURSERY OR KINDERGRATTEN) DAY-CARE OR EDUCATIONAL OCCUPANCY  ULLAS TO SCHOOL  RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL (E" GRADE TRROUGH 12TH GRADE EDUCATIONAL OCCUPANCY  VILLAS TO SCHOOL  RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL (E" GRADE TRROUGH 12TH GRADE EDUCATIONAL OCCUPANCY  VILLAS TO SCHOOL  RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL (E" GRADE TRROUGH 12TH GRADE EDUCATIONAL OCCUPANCY  VILLAS TO SCHOOL  VILLAS TO SCHOOL  RESIDENTIAL DWELLING OR VILLAS CHANGE TO OFFICES - BUSINESS OCCUPANCY  MAXIMUM 1 FLOOR LEVEL (G-1) -4" CRADE CONVARIOS  MAXIMUM 30 OCCUPANTS PER FLOOR LEVEL  MAXIMUM 1 FLOOR LEVELS (G+2)  MAXIMUM 30 OCCUPANTS PER FLOOR LEVEL  MAXIMUM 51 ORD CLUBES  MAXIMUM 15 LOOR PLOVELS  MAXIMUM 15 LOOR PLOVE LEVEL  MAXIMUM 15 LOOR PLOVE LEV		CHANGE OF USE OR OCCUPANCY FROM RESIDENTIAL DWELLINGS OR VILLAS TO DAY CARE, SCHOOLS AND/OR OFFICES								
NULLS TO PRE-SCHOOL RESIDENTIAL DWELLING OR VILLAS CHANGE TO SCHOOL (1 <sup>st</sup> GRADE THROUGH 12TH GROUND LEVEL (6) – 1 <sup>st</sup> THRU 3 <sup>st</sup> GRADE MAXIMUM 1 SCORLEVEL (6-1) – 4 <sup>st</sup> GRADE ONWARDS  WILLAS TO SCHOOL RESIDENTIAL DWELLINGS OR VILLAS CHANGE TO SCHOOL (1 <sup>st</sup> GRADE THROUGH 12TH GROUND LEVEL (6-1) – 4 <sup>st</sup> GRADE ONWARDS  WILLAS TO PRICE SET RESIDENTIAL DWELLINGS OR VILLAS CHANGE TO OFFICES. BUSINESS OCCUPANCY  MAXIMUM 1 FLOOR LEVELS (6+2) — 4 <sup>st</sup> GRADE ONWARDS  MAXIMUM 3 FLOOR LEVELS (6+2) — 4 <sup>st</sup> GRADE ONWARDS  MAXIMUM 3 OCCUPANTS PER FLOOR LEVEL  FIRE SAFETY PROVISIONS  MINIMUM REQUIREMENTS  MOT REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED  MOT PREMITTED  MOT PREMITTED  NOT REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED	Ш	OCCUPANCY CLASSIFICATIO	N **	BUILDING HEIGHT REQUIREMENTS		NUMBER OF OCCUPANTS OR AREA REQUIREMENTS				
C VILLAS TO OFFICES RESIDENTIAL DURLINGS OR VILLAS CHANGE TO OFFICES - BUSINESS OCCUPANCY  MAXIMUM 1 FLOOR LEVEL (G-1) — 4 <sup>TH</sup> GRADE ONWARDS  MAXIMUM 2 FLOOR LEVELS (G-2)  MAXIMUM 3 FLOOR LEVELS (G-2)  MAXIMUM 3 FLOOR LEVELS (G-2)  MAXIMUM 3 FLOOR LEVELS (G-2)  THE SAFETY PROVISIONS  MINIMUM REQUIREMENTS  MINIMUM REQUIREMENTS  A STE ACCESS/ACCESS ROAD  4.0M MIN. CLEAR WIDTH AND 4.5M MIN. CLEAR HIGHT  REQUIRED  REQUIRED  REQUIRED  NOT REQUIRED  RE	А	VILLAS TO PRE-SCHOOL			GROUND LEVEL (G)					
BUILDING AND SITE ACCESS FOR FIRE FIGHTING & RESCUE  FIRE SAFETY PROVISIONS  MINIMUM REQUIREMENTS  VILLAS TO PRIE-SCHOOL  VILLAS TO PRIMARY  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED  NOT PRIMITED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NO	В	VILLAS TO SCHOOL		·	• •					
FIRE SAFETY PROVISIONS  MINIMUM REQUIREMENTS  A SITE ACCESS/ACCESS ROAD  4.0M MIN. CLEAR WIDTH AND A.5M MIN.  4.0M MIN. CLEAR WIDTH AND A.5M MIN.  4.0M MIN. CLEAR WIDTH AND A.5M MIN.  5. FIRE CAMPINE ARDSTANDING  HABITABLE HEIGHT EXCEEDS IOM  NOT REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED  REQUIRED  NOT PERMITTED	С	VILLAS TO OFFICES	RESIDENTIAL DWELLINGS OR	VILLAS CHANGE TO OFFICES - BUSINESS OCCUPANCY	MAXIMUM 2 FLOOR LEVELS (G+2)		MAXIMUM 30 OCCUPANTS PER FLOOR LEVEL			
A SITE ACCESS/ACCESS ROAD 4.0M MIN. CLEAR WIDTH AND 4.5M MIN. CLEAR WIDTH AND 7.5M MIN. CLEAR WI	III	BUILDING AND SITE ACCESS	FOR FIRE FIGHTING & RESCUE							
B FIRE ENGINE HARDSTANDING HABITABLE HEIGHT EXCEEDS 10M NOT REQUIRED NOT REQUIRED NOT REQUIRED  C FIRE COMMAND CENTER COMPLYING WITH ALL FICE REQUIREMENTS NOT REQUIRED NOT REQUIRED NOT REQUIRED  IV MEANS OF EGRESS  A MEANS OF EGRESS  A MEANS OF EGRESS GENERAL REQUIREMENTS  1 GUARDS  PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOK OR FINISHED GROUND LEVEL  REQUIRED		FIRE SAFETY	PROVISIONS	MINIMUM REQUIREMENTS	VILLAS TO PRE-SCHOOL	VILLAS TO	PRIMARY	VILLAS TO OFFICES		
C FIRE COMMAND CENTER COMPLYING WITH ALL FCC REQUIREMENTS NOT REQUIRED NOT REQUIRED NOT REQUIRED NOT REQUIRED  D FIRE LIFT COMPLYING WITH ALL FIRE LIFT REQUIREMENTS NOT REQUIRED NOT REQUIRED NOT REQUIRED NOT REQUIRED  NOT REQUIRED NOT REQUIRED NOT REQUIRED  A MEANS OF EGRESS A MEANS OF EGRESS GENERAL REQUIREMENTS  D FROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS TOOM ABOVE THE FLOOR OR FINISHED GROUND LEVEL  B IMPEDIMENT TO EGRESS & MEANS OF EGRESS OBSTRAIL REQUIRED REQUIRED REQUIRED  B IMPEDIMENT TO EGRESS & MEANS OF EGRESS OBSTRAIL REQUIRED REQUIRED REQUIRED  B IMPUNISHING AND DECORATION FUND INPUDIMENTS REQUIRED REQUIRED NOT PERMITTED NOT PERMITTED  B MEANS OF EGRESS COMPONENTS  I FIRE DOORS FRACHING MATERIALS COVERAGE NOT TO EXCEED 20% OF THE WALL AREA REQUIRED REQUIRED NOT APPLICABLE  B MEANS OF EGRESS COMPONENTS  I FIRE DOORS FRACHING MATERIALS COVERAGE NOT TO EXCEED 20% OF THE WALL AREA REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED  SIDE-HINGE OR PIVOTED-SWINGING TYPE  ANY DOOR ASSEMBLY IN A MEANS OF EGRESS REQUIRED R	Α	SITE ACCESS/ACCESS ROAD		4.0M MIN. CLEAR WIDTH AND 4.5M MIN. CLEAR HEIGHT	REQUIRED	REQU	IIRED	REQUIRED		
D FIRE LIFT COMPLYING WITH ALL FIRE LIFT REQUIREMENTS NOT REQUIRED NOT REQUIRED  NOT REQUIRED NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  REQU	В	FIRE ENGINE HARDSTANDING	G	HABITABLE HEIGHT EXCEEDS 10M	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED		
IV MEANS OF EGRESS A MEANS OF EGRESS GENERAL REQUIREMENTS  1 GUARDS 5 PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL 760MM ABOVE THE FLOOR OR FIRE OF FLOOR OR FINISHED GROUND LEVEL 760MM ABOVE THE FLOOR OR FIRE OF FLOOR OR FINISHED GROUND LEVEL 760MM ABOVE THE FLOOR OR FIRE OF FLOOR OR FINISHED GROUND LEVEL 760MM ABOVE THE FLOOR OR FIRE OF FLOOR OR FINISHED GROUND LEVEL 760MM ABOVE THE FLOOR OR FIRE OF FLOOR	С	FIRE COMMAND CENTER		COMPLYING WITH ALL FCC REQUIREMENTS	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED		
A MEANS OF EGRESS GENERAL REQUIREMENTS  1 GUARDS  PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 760MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL  2 IMPEDIMENT TO EGRESS & MEANS OF EGRESS RELABILITY  BY ART WORK & TEACHING MATERIALS  ART WORK & TEACHING MATERIALS  COVERAGE NOT TO EXCEED 20% OF THE WALL AREA  BY MEANS OF EGRESS COMPONENTS  1 FIRE DOORS  FPR* FIRE PROTECTION RATING  AND DOOR ASSEMBLY IN A MEANS OF EGRESS  MINIMUM DOOR LEAF WIDTH  SELF-CLOSING DEVICES  IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED  STAINDARD STAIRS  COMPLYING WITH CHAPTER 7 NFPA 101  REQUIRED  REQUI	D	FIRE LIFT		COMPLYING WITH ALL FIRE LIFT REQUIREMENTS	NOT REQUIRED	NOT RE	QUIRED	NOT REQUIRED		
PROVIDED AT THE OPEN SIDES OF MEANS OF EGRESS 750MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL  2 IMPEDIMENT TO EGRESS & MEANS OF EGRESS 750MM ABOVE THE FLOOR OR FINISHED GROUND LEVEL  3 IMPEDIMENT TO EGRESS & MEANS OF EGRESS REQUIRED  8 NOT PERMITTED  NOT PERMITTED  NOT PERMITTED  NOT PERMITTED  NOT APPLICABLE  1 FIRE PROFECTION RATING  1 -HR FPR*  1 -HR FPR* 1 -HR FP	IV	MEANS OF EGRESS	MEANS OF EGRESS							
TOWN ABOVE THE FLOOR OR FINISHED GROUND LEVEL  IMPEDIMENT TO EGRESS & MEANS OF EGRESS CONTINUOUSLY MAINTAINED FREE OF ALL OBSTRUCTION OR IMPEDIMENTS  FURNISHING AND DECORATION FURNITURES OR MOVABLE OBJECTS, MIRRORS, ETC. NOT PERMITTED NOT APPLICABLE  REQUIRED NOT APPLICABLE REQUIRED NOT APPLICABLE REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED REQUIRED NOT APPLICABLE REQUIRED REQUIRED REQUIRED REQUIRED NOT APPLICABLE REQUIRED REQUIRED NOT APPLICABLE REQUIRED REQUIRED REQUIRED NOT APPLICABLE REQUIRED	Α	MEANS OF EGRESS GENERAL REQUIREMENTS								
2 RELIABILITY OBSTRUCTION OR IMPEDIMENTS REQUIRED NOT PERMITTED NOT PERMITTED NOT PERMITTED NOT PERMITTED NOT PERMITTED NOT APPLICABLE REQUIRED REQUIRED NOT APPLICABLE REQUIRED NOT APPLICABLE REQUIRED	1	GUARDS			REQUIRED	REQU	IIRED	REQUIRED		
ART WORK & TEACHING MATERIALS  COVERAGE NOT TO EXCEED 20% OF THE WALL AREA  REQUIRED  REQUIRED  NOT APPLICABLE  NOT APPLICABLE  NOT APPLICABLE  REQUIRED  NOT APPLICABLE  NOT APPLICABLE  REQUIRED  NOT APPLICABLE  NOT APPLICABLE  NOT APPLICABLE  NOT REQUIRED  NOT APPLICABLE  NOT REQUIRED  NOT REQUIRED  NOT APPLICABLE  NOT REQUIRED  STANDARD STAIRS  GUARDS AND HANDRAILS  COMPLYING WITH CHAPTER 7 NFPA 101  REQUIRED  NOT APPLICABLE  STAIRWAY IDENTIFICATION & EXIT STAIR PATH MARKINGS  ALL STAIR COMPONENTS  NOT APPLICABLE  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED	2				REQUIRED	REQUIRED		REQUIRED		
B MEANS OF EGRESS COMPONENTS  1 FIRE DOORS FPR* FIRE PROTECTION RATING 1-HR FPR* 1-HR	3	3 FURNISHING AND DECORATION		FURNITURES OR MOVABLE OBJECTS, MIRRORS, ETC.	NOT PERMITTED	NOT PERMITTED		NOT PERMITTED		
FIRE DOORS   FPR* FIRE PROTECTION RATING   1-HR FPR*   1-HR FPR*   1-HR FPR*		ART WORK & TEACHING MATERIALS		COVERAGE NOT TO EXCEED 20% OF THE WALL AREA	REQUIRED	REQUIRED		NOT APPLICABLE		
ANY DOOR ASSEMBLY IN A MEANS OF EGRESS REQUIRED REQUIRED REQUIRED  SELF-CLOSING DEVICES IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED REQUIRED REQUIRED REQUIRED  2 STAIRS COMPLYING WITH CHAPTER 7 NFPA 101  STANDARD STAIRS  FEWER THAN 50 PERSON (CLEAR WIDTH) NOT APPLICABLE 915MM 915MM  MORE THAN 50 PERSON (CLEAR WIDTH) NOT APPLICABLE 1120MM 1120MM  GUARDS AND HANDRAILS COMPLYING WITH CHAPTER 7 NFPA 101 REQUIRED REQUIRED REQUIRED  STAIRWAY IDENTIFICATION & EXIT STAIR PATH MARKINGS  ALL STAIR COMPONENTS NOT APPLICABLE REQUIRED REQUIRED REQUIRED  3 STAIR ENCLOSURES ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT NOT APPLICABLE NOT REQUIRED NOT REQUIRED	В	MEANS OF EGRESS COMPONENTS								
SIDE-HINGE OR PIVOTED-SWINGING TYPE  MINIMUM DOOR LEAF WIDTH  SELF-CLOSING DEVICES  IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED  REQUIRED  STANDARD STAIRS  FEWER THAN 50 PERSON (CLEAR WIDTH)  MORE THAN 50 PERSON (CLEAR WIDTH)  MORE THAN 50 PERSON (CLEAR WIDTH)  MORE THAN 50 PERSON (CLEAR WIDTH)  REQUIRED  NOT APPLICABLE  NOT REQUIRED  NOT REQUIRED	1	FIRE DOORS		FPR* FIRE PROTECTION RATING	1-HR FPR*	1-HR FPR*		1-HR FPR*		
MINIMUM DOOR LEAF WIDTH 810MM		SIDE-HINGE OR DIVOTED-SW			REQUIRED	REQUIRED		REQUIRED		
2 STAIRS COMPLYING WITH CHAPTER 7 NFPA 101  STANDARD STAIRS  FEWER THAN 50 PERSON (CLEAR WIDTH)  MORE THAN 50 PERSON (CLEAR WIDTH)  MORE THAN 50 PERSON (CLEAR WIDTH)  FEWER THAN 50 PERSON (CLEAR WIDTH)  MORE THAN 50 PERSON (CLEAR WIDTH)  NOT APPLICABLE  1120MM  1120MM  1120MM  STAIRWAY IDENTIFICATION & EXIT STAIR PATH MARKINGS  ALL STAIR COMPONENTS  NOT APPLICABLE  REQUIRED  REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED		SIDE-IIIIVGE OKT IVOTED-SVV	THOMA THE	MINIMUM DOOR LEAF WIDTH	810MM	810MM		810MM		
STANDARD STAIRS    FEWER THAN 50 PERSON (CLEAR WIDTH)   NOT APPLICABLE   915MM   915MM		SELF-CLOSING DEVICES		IN ALL DOORS REQUIRED TO BE NORMALLY KEPT CLOSED	REQUIRED	REQUIRED		REQUIRED		
STANDARD STAIRS  MORE THAN 50 PERSON (CLEAR WIDTH)  GUARDS AND HANDRAILS  COMPLYING WITH CHAPTER 7 NFPA 101  STAIRWAY IDENTIFICATION & EXIT STAIR PATH MARKINGS  ALL STAIR COMPONENTS  ALL STAIR SERVING AS AN EXIT COMPONENT  NOT APPLICABLE  NOT APPLICABLE  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED	2	STAIRS		COMPLYING WITH CHAPTER 7 NFPA 101						
MORE THAN 50 PERSON (CLEAR WIDTH)  GUARDS AND HANDRAILS  COMPLYING WITH CHAPTER 7 NFPA 101  STAIRWAY IDENTIFICATION & EXIT STAIR PATH MARKINGS  ALL STAIR COMPONENTS  NOT APPLICABLE  REQUIRED  REQUIRED  REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED		GUARDS AND HANDRAILS STAIRWAY IDENTIFICATION & EXIT STAIR PATH		FEWER THAN 50 PERSON (CLEAR WIDTH)		915MM		915MM		
STAIRWAY IDENTIFICATION & EXIT STAIR PATH MARKINGS  ALL STAIR COMPONENTS  NOT APPLICABLE  REQUIRED  REQUIRED  NOT REQUIRED  NOT REQUIRED  NOT REQUIRED				MORE THAN 50 PERSON (CLEAR WIDTH)	NOT APPLICABLE	1120MM		1120MM		
MARKINGS ALL STAIR COMPONENTS NOT APPLICABLE REQUIRED REQUIRED  3 STAIR ENCLOSURES ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT NOT APPLICABLE NOT REQUIRED NOT REQUIRED				COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED		REQUIRED		
				ALL STAIR COMPONENTS	NOT APPLICABLE	REQUIRED		REQUIRED		
4 FIRE FIGHTING LOBBY COMPLYING WITH ALL FF LOBBY REQUIREMENTS NOT APPLICABLE NOT REQUIRED NOT REQUIRED	3	STAIR ENCLOSURES		ALL INSIDE STAIR SERVING AS AN EXIT COMPONENT	NOT APPLICABLE	3LE NOT REQUIRE		NOT REQUIRED		
	4	FIRE FIGHTING LOBBY		COMPLYING WITH ALL FF LOBBY REQUIREMENTS	NOT APPLICABLE	NOT REQUIRED		NOT REQUIRED		



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5	SMOKE-STOP LOBBY (VESTIBULE)	COMPLYING WITH ALL SS LOBBY REQUIREMENTS		NOT APPLICABLE		NOT REQUIRED		NOT REQUIRED	
6	FIRE ESCAPE STAIRS (EXTERNAL EXIT STAIR)	AS SECONDARY MEANS OF EXIT		NOT APPLICABLE		REQUIRED ON ALL UPPER FLOOR LEVELS		REQUIRED ON ALL UPPER FLOOR LEVELS	
С	CAPACITY OF MEANS OF EGRESS			VILLAS TO PRE-SCHOOL		VILLAS TO PRIMARY		VILLAS TO OFFICES	
		NFPA 101 TABLE 7.3.1.2 OCCUPANT LOAD FACTORS		3.3 NET M <sup>2</sup> /PERSON		NOT APPLICABLE		9.3 M²/PERSON	
			AGES 0-24 MONTHS OLD	1:3 STAFF-TO-CHILD RATIO 1:4 STAFF-TO-CHILD RATIO 1:7 STAFF-TO-CHILD RATIO		NOT APPLICABLE		NOT APPLICABLE	
1	OCCUPANT LOAD	STAFFING  NFPA 101 TABLE 7.3.1.2	AGES 25-36 MONTHS OLD			NOT APPLICABLE  NOT APPLICABLE		NOT APPLICABLE	
1	OCCUPANT LOAD		AGES 37-60 MONTHS OLD					NOT APPLICABLE	
			CLASSROOMS	CHILD TO STAFF	RATIO APPLIES	1.9 NET M <sup>2</sup> /PERSON		NOT APPLICABLE	
		OCCUPANT LOAD FACTORS	SHOPS & LABORATORIES	CHILD TO STAFF RATIO APPLIES		4.6 NET M <sup>2</sup> /PERSON		NOT APPLICABLE	
D	NUMBER OF EXITS								
1	SINGLE EXIT			NOT PERMITTED		NOT PERMITTED		NOT PERMITTED	
2	NOT LESS THAN 2 SEPARATE EXITS	PROVIDED ON EVERY STORY  ACCESSIBLE FROM EVERY PART OF EVERY STORY		REQUIRED		REQUIRED		REQUIRED	
	NOT LESS THAN 2 SEL ARATE LATIS								
E	ARRANGEMENT OF EXITS	(NS*-NOT SPRINKLERED / S**	*-SPRINKLERED)						
_	7	(NS -NOT SPRINKLERED) 3 -SPRINKLERED)		NS*	S**	NS*	S**	NS*	S**
		NFPA 101 TABLE A.7.6		30M	NA	30M	NA	61M	NA
1	TRAVEL DISTANCE	BETWEEN ANY ROOM DOOR INTENDED AS EXIT ACCESS AND AS AN EXIT		30M	NA	NA	NA	NA	NA
1		BETWEEN ANY POINT IN A ROOM TO AN EXIT		46M	NA	NA	NA	NA	NA
		BETWEEN ANY POINT IN CHILDRENS SLEEPING ROOM AND AN EXIT ACCESS DOOR IN THAT ROOM		15M	NA	NA	NA	NA	NA
2	COMMON PATH LIMIT	NFPA 101 TABLE A.7.6		23M	NA	23M	NA	23M	NA
3	DEAD-END CORRIDOR	NFPA 101 TABLE A.7.6		6.1M	NA	6.1M	NA	6.1M	NA
	DOOM OF COACTS WITH A CORE THAN COAC' OF WITH AN	MINIMUM TWO (2) ACCESS DOORS		REQUIRED		REQUIRED		REQUIRED IF OCCUPANT LOAD IS MORE THAN 50 PERSONS	
4	ROOM OR SPACES WITH MORE THAN 93M <sup>2</sup> OR WITH AN OCCUPANT LOAD OF MORE THAN 50 PERSONS	REQUIRED DOORS ACCESS TO SEPARATE EXITS							
		DOORS OPEN INTO THE DIRECTION OF EXIT TRAVEL							
5	EVERY ROOM NORMALLY SUBJECT TO STUDENT OCCUPANCY	EXIT ACCESS DOORS LEADS DIRECTLY TO AN EXIT ACCESS CORRIDOR OR EXIT		REQUIRED		REQUIRED		NOT APPLICABLE	
6	DOORS SWINGING INTO EXIT ACCESS CORRIDOR	ARRANGED TO PREVENT INTERFERENCE WITH CORRIDOR TRAVEL		REQUIRED		REQUIRED		REQUIRED	
7	AISLES	MINIMUM AISLE WIDTH		760MM		760MM		NOT APPLICABLE	
8	SPACES (AISLE) BETWEEN PARALLEL ROWS OF SEATS	MINIMUM WIDTH 760MM		NOT REQUIRED IF THE NUMBER OF SEATS THAT INTERVENES BETWEEN ANY SEAT AND AN AISLE DOES NOT EXCEED SIX (6)		NOT REQUIRED IF THE NUMBER OF SEATS THAT INTERVENES BETWEEN ANY SEAT AND AN AISLE DOES NOT EXCEED SIX (6)		NOT APPLICABLE	
9	EXIT DISCHARGE (DIRECT TO BUILDING EXTERNAL)	COMPLYING WITH NFPA 101		REQUIRED		REQUIRED		REQUIRED	
10	ACCESSIBLE MEANS OF EGRESS	EXIT PROVISIONS FOR PEOPLI IMPAIRMENT (NOT LESS THAI		2 EXIT REQUIRED		2 EXIT REQUIRED		2 EXIT REQUIRED	



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11	ILLUMINATION OF EXITS / EMERGENCY LIGHTING		COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED	
12	MARKINGS OF MEANS OF EGRESS		COMPLYING WITH CHAPTER 7 NFPA 101	REQUIRED	REQUIRED	REQUIRED	
F	SPECIAL MEANS OF EGRESS PROVISIONS		COMPENIO WITH CHAPTER / RITA 101	VILLAS TO PRE-SCHOOL	VILLAS TO PRIMARY	VILLAS TO OFFICES	
1	FIREMEN ACCESS PANELS		HABITABLE HEIGHT EXCEEDING 10M	NOT REQUIRED	NOT REQUIRED	REQUIRED	
2	WINDOWS FOR RESCUE		ROOMS OR SPACE GREATER THAN 23.2M <sup>2</sup> AND NORMALLY SUBJECT TO STUDENT OCCUPANCY	REQUIRED	REQUIRED	NOT APPLICABLE	
4	LOCKUPS		DOORS AND PHYSICAL RESTRAINTS TO FREE EGRESS CAN BE READILY RELEASED BY STAFF WITHIN 2 MINUTES OF ONSET OF FIRE OR SIMILAR EMERGENCY	REQUIRED ON DOORS PROVIDED WITH LOCKUPS	•		
V	FEATURES OF FIRE PROTECTION (NFPA 5000	TABLES 7.2.1.1	, 7.3.2.1, 7.3.5 (a), (b), 7.3.5.5, 7.4.1)				
Α	CONSTRUCTION		COMPLYING WITH CHAPTER 7 & 8 OF NFPA 5000				
	CONSTRUCTION		EXTERIOR BEARING WALLS		1-HR FRR*-FIRE RESISTANCE RATING	1-HR FRR*-FIRE RESISTANCE RATING	
1	(NON-COMBUSTIBLE OR LIMITED	TYPE I OR	FRAMING, COLUMNS, BEAMS, GIRDERS, TRUSSES	1-HR FRR*-FIRE RESISTANCE RATING			
	COMBUSTIBLE MATERIALS)	TYPE II	FLOOR CONSTRUCTION	OF ALL BUILDING ELEMENTS	OF ALL BUILDING ELEMENTS	OF ALL BUILDING ELEMENTS	
В	COMPARTMENTATION / SUBDIVISION OF BUILDING SPACES		COMPLYING WITH NFPA 101 & NFPA 5000	NOT REQUIRED	NOT REQUIRED	NOT REQUIRED	
1	SEPARATION FROM OTHER OCCUPANCIES		COMPLYING WITH NFPA 101 TABLE 6.1.14.4.1 (a,), (b)	REQUIRED REQUIRED		REQUIRED	
VI	FIRE PROTECTION						
Α	DETECTION ALARM AND COMMUNICATION	SYSTEMS					
1	FIRE ALARM SYSTEM		AUTOMATIC AND MANUAL SYSTEM	REQUIRED	REQUIRED	REQUIRED	
В	EXTINGUISHING REQUIREMENTS		COMPLIANCE FROM INDIVIDUAL CODES & STANDARDS				
1	PORTABLE FIRE EXTINGUISHERS		TYPE AND RATING IN ACCORDANCE WITH NFPA 10	REQUIRED THROUGHOUT	REQUIRED THROUGHOUT	REQUIRED THROUGHOUT	
2	FIRE BLANKETS		IN KITCHEN OR PANTRY	REQUIRED	REQUIRED	REQUIRED	
3	STANDPIPE SYSTEM			NOT REQUIRED	NOT REQUIRED	NOT REQUIRED	
4	FIRE HOSE REELS		25MM DIAMETER HOSE	NOT REQUIRED NOT REQUIRED		NOT REQUIRED	
5	AUTOMATIC SPRINKLER SYSTEM		THROUGHOUT PROTECTION	NOT REQUIRED NOT REQUIRED		NOT REQUIRED	
VII	BUILDING SERVICES PROTECTION (ASS* AUT	OMATIC SUPPR	ESSION SYSTEM)				
Α	BUILDING UTILITIES		COMPLYING WITH CHAPTER 9 NFPA 101				
1	ELECTRICAL SYSTEMS		COMPLYING WITH NFPA 70	REQUIRED	REQUIRED	REQUIRED	
1	COOKING EQUIPMENT		EQUIPMENT USED ONLY FOR FOOD WARMING	PERMITTED	PERMITTED	PERMITTED	
В	EMERGENCY POWER SUPPLY SYSTEM/GENE	RATORS	COMPLYING WITH NFPA 110	NOT REQUIRED NOT REQUIRED		NOT REQUIRED	
С	SMOKE CONTROL / EMERGENCY VENTILATION	ON	COMPLYING WITH NFPA 92 & NFPA 204	NOT REQUIRED	NOT REQUIRED NOT REQUIRED		
D	AIR-CONDITIONING & VENTILATION SYSTEM	1	COMPLYING WITH NFPA 90A & NFPA 90B	REQUIRED	REQUIRED	REQUIRED	
VIII	OPERATING FEATURES						
Α	EMERGENCY PLAN						
1		1	PROCEDURES FOR REPORTING OF EMERGENCY				
	EMERGENCY PLAN REQUIREMENTS	2	OCCUPANT AND STAFF RESPONSE TO EMERGENCY	REQUIRED	REQUIRED	REQUIRED	
		3	EVACUATION PROCEDURES APPROPRIATE TO THE OCCUPANCY, EMERGENCIES AND HAZARD		REQUIRED	REQUIRED	



### **BUILDING PLAN - FIRE SAFETY GUIDE**

1	EMERGENCY PLAN REQUIREMENTS (CONTINUED)	4	APPROPRIATENESS OF THE USE OF ELEVATORS  DESIGN & CONDUCT OF FIRE DRILLS  TYPE & COVERAGE OF BUILDING FIRE PROTECTION SYSTEM  OTHER ITEMS THAT ARE NECESSARY IN AN EMERHGENCY PLANS AS MAY BE REQUIRED BY QCD				REQUIRED	
		5						
		6			REQUIRED	REQUIRED		
		7						
В	EMERGENCY EXIT DRILLS							
1	EMERGENCY EGRESS AND RELOCATION DRIL	LS						
		NOT LESS THAN 1		ГН	REQUIRED	REQUIRED	REQUIRED	
	DRILL FREQUENCY		IN SUMMER SEASON OR OTHER SEVERE WEATHER CONDITIONS					
	BALLINEQUENCY		CONDITION	NOT LESS THAN 4 DRILLS CONDUCTED BEFORE THE DRILLS ARE DEFERRED	PERMITTED TO BE DEFERRED	PERMITTED TO BE DEFERRED	PERMITTED TO BE DEFERRED	
2	ORDERLY EVACUATION		EMPHASIS ON ORDERLY EVACUATION RATHER SPEED		REQUIRED	REQUIRED	REQUIRED	
3	SIMULATED CONDITIONS		DRILLS HELD AT EXPECTED & UNEXPECTED TIMES		REQUIRED	REQUIRED	REQUIRED	
4	RELOCATION AREA		RELOCATION AREA		REQUIRED	REQUIRED	REQUIRED	
С	INSPECTION							
	DUTY OF THE PRINCIPALS, TEACHER AND STAFF		TO INSPECT ALL EXIT FACILITIES TO ENSURE THAT ALL STAIRWAYS, DOORS & OTHER EXITS ARE IN PROPER CONDITION		DAILY INSPECTION REQUIRED	DAILY INSPECTION REQUIRED	DAILY INSPECTION REQUIRED	

#### Note:

For further guidance, the user is referred to the NFPA Codes / Standards and the Qatar Fire Safety Standards (QFSS).

<sup>\*</sup>This Fire Safety Guide is prepared to determine the minimum required Fire Safety provisions for each Occupancy Type as referenced from GDCD's adopted National Fire Protection Association (NFPA) Codes & Standards and the Qatar Fire Safety Standards (QFSS).

<sup>\*\*</sup>Occupancy Classification: Unless both the height and area requirements / criteria are met, the next higher classification / category SHALL apply.

<sup>\*</sup>FPR\*-FIRE RESISTANCE RATING \*FPR\*\*-FIRE PROTECTION RATING \*ASS-AUMATIC SPRINKLER SYSTEM \*SS-SMOKE-STOP LOBBY \*FF-FIRE FIGHTING LOBBY