



## GENERAL NOTES

THE PROPOSED BUILDING IS TO BE TYPE 1A CONSTRUCTION WITH AN OCCUPANCY TYPE: RESIDENTIAL = R-2

MAXIMUM ELEVATIONAL CHANGE BETWEEN AT ALL BUILDING ENTRANCE DOORS  
(INCLUDING THRESHOLDS) SHALL BE EQUAL TO OR LESS THAN 1/2"

PROVIDE ON ABC TYPE, "2-A" FIRE RATED EXTINGUISHER FOR EACH 2,500 S.F. WITH MAXIMUM 75' OF TRAVEL. TOP PF EXTINGUISHER NOT TO EXCEED 48" ABOVE FINISHED FLOOR

ELEVATOR COMPONENT  
SAVARIA PANORAMIC GLASS HOME ELEVATOR WITH INTEGRATED HOISTWAY OR  
SIMILAR.

SMOKE PROOF STAIR COMPONENT  
2 HOUR NON-COMBUSTIBLE CONSTRUCTION SEPARATION ENCLOSED AS PER 101-5-1.3.1 (NO COMMUNICATING OPENINGS); 1.5 HOUR SELF-CLOSING DOOR AND FRAME ASSEMBLIES; SEPARATED / INDEPENDENT  
2-HOUR SHAFTS IN ACCORDANCE WITH BOTH NFPA 101-5-2.3.9 AND FBC .

**ASSEMBLY COMPONENT**

- DOORS NOT LOCKED FROM EGRESS SIDE WHEN ASSEMBLY IS OCCUPIED
- ILLUMINATED AND MARKED MEANS OF EGRESS
- EMERGENCY LIGHTING PROVIDED
- INITIATION PROVIDED VIA APPROVED AUTOMATIC SPRINKLER SYSTEM THAT PROVIDES FIRE DETECTION AND PROTECTION
- AUDIBLE ALARM IS AUTOMATIC

INTERIOR FINISHES  
INTERIOR FINISH MATERIAL CLASS IN ACCORDANCE WITH N.F.P.A. 101 CHAPTER  
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**SMOKE DETECTION**

- EVERY MECHANICAL EQUIPMENT, ELECTRICAL, TRANSFORMER, TELEPHONE EQUIPMENT, ELEVATOR MACHINE OR SIMILAR ROOM (ANY GENERALLY UNOCCUPIED AREA THAT CAN PROVIDE AN IGNITION SOURCE)
- EVERY ELEVATOR LOBBY
- EACH HVAC MAIN RETURN AND EXHAUST AIR PLENUM
- OUTSIDE (WITHIN 10'-0") OF EACH STAIR/EXIT DOOR ON EACH FLOOR.

SINGLE STATION SMOKE DETECTION  
-INSIDE AND OUTSIDE EACH SLEEPING OR GROUP OF SLEEPING ROOMS

**ENTRIES**  
-MINIMUM 5' X 5' "FLAT" AREA OUTSIDE OF ALL DOORS LEADING TO EXTERIOR. FLAT IS DEFINED TO ALLOW FOR A 1/8" PER FOOT SLOPE AWAY FROM BUILDING ENTRANCES TO PREVENT ACCUMULATION OF WATER.

DOORS  
DOORS NOTED SHALL BE EQUIPPED WITH A SPECIAL LOCKING ARRANGEMENT AS FOLLOWS:  
A) UNLOCK UPON ACTIVATION OF THE AUTOMATIC SPRINKLER SYSTEM OR UPON ACTIVATION OF ANY HEAT DETECTOR  
B) UNLOCK UPON LOSS OF POWER CONTROLLING THE LOCK OR LOCKING MECHANISM AND  
C) INITIATE AND IRREVERSIBLE PROCESS THAT WILL RELEASE THE LOCK WITHIN 15 SECONDS UPON APPLICATION TO THE RELEASE DEVICE  
REQUIRED OF A FORCE NOT TO EXCEED 15 LBF NOR BE REQUIRED TO BE APPLIED FOR MORE THAN 3 SECONDS. THE INITIATION OF THE RELEASE PROCESS SHALL BE ACTIVATE A 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 MEANS ONLY.  
D) ON THE WALL ADJACENT TO THE RELEASE DEVICE A SIGN SHALL BE POSTED THAT READS: "PUSH UNTIL ALARM SOUND, DOOR CAN BE OPENED IN 15 SECONDS"

MEANS OF EGRESS  
SHALL COMPLY WITH N.F.P.A. 101 7.1.6

BDA ROOM  
NEW BUILDINGS SHALL COMPLY WITH "IN BUILDING PUBLIC SAFETY RADIO  
ENHANCEMENT SYSTEM" IN ACCORDANCE WITH FFPC 1:11.10.

PERMIT SET LS-3

MUNICIPALITY STAMP

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**SHEET TITLE:**

## THIRD LEVEL LIFE SAFETY PLAN

**SCALE:**

N.T.S



LS-3

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