DOORS& WINDOWS:

INSTALL SAFETY GLASS AS REQUIRED BY CODE

HOLLOW METAL FRAMES TO BE FLUSH FRAMES: WELDED UNITS

EXTERIOR DOORS TO BE METAL INSULATED

DOOR HARDWARE:

LOCKSETS SHALL BE SARGENT 10LINE HD. CYLINDRICAL KEY-IN-LEVER W/ 26D FINISH

HINGES: (3) 4"x4" HAGER FULL MORTISE #700 PLAIN BEARING STEEL

STOPS (ALL DOORS): HAGER #252F CAST STOP CLOSER: NORTON #1605 SURFACE CLOSER

CODE REVIEW

2003 INTERNATIONAL BUILDING CODE (IBC) 2003 NFPA 101 LIFE SAFETY CODE

USE AND OCCUPANCY CLASSIFICATION

USE GROUP : B - BUSINESS (OFFICE AREA):

1 ST., 9¹, 1,393 SF 720 SF - 2ND STY

2 ST., 20¹, 18,362 SF

4 ST., 55¹, 19,000 SF

USE GROUP : S-I - MODERATE HAZARD STORAGE: 2 ST., 17', 16,519 SF - 1ST STY (MOTOR VEHICLE REPAIR GARAGE)

TOTAL BUILDING AREA: TYPE OF CONSTRUCTION SECTION 602

CONSTRUCTION TYPE: 3B PROTECTED

GENERAL BUILDING HEIGHTS AND AREAS SECTION 503

USE GROUP : B - BUSINESS (OFFICE AREA): CONSTRUCTION TYPE: TYPE 3B

USE GROUP : S-I - MODERATE HAZARD STORAGE (MOTOR VEHICLE REPAIR GARAGE): CONSTRUCTION TYPE: TYPE 3B 3 ST., 44¹, 17,500 SF

SECTION 506 AREA MODIFICATIONS:

506.2 STREET FRONTAGE INCREASE:

(100% FRONTAGE)-(25%)= 75%x2 = 150% ALLOWABLE INCREASE

B-BUSINESS: (19,000 SF)(75%)(2)+(19,000 SF)=47,500 SF MAX AREAS-I -MODERATED HAZARD STORAGE: (17,500 SF)(75%)(2)+(17,500 SF)=43,750 SF MAX AREA

SECTION 507 -UNLIMITED AREA BUILDINGS:

507.3 TWO STY EQUIPPED W/ SPRINKLER = UNLIMITED AREA.

FIRE RATINGS:

EXTERIOR WALLS: 0 HOUR BEARING WALLS: 2 HOUR NONBEARING WALLS: ROOF CONSTRUCTION: 0 HOUR 0 HOUR 1 HOUR CORRIDORS: FLOOR CONSTRUCTION: 0 HOUR STORAGE (+100 sf): I HOUR STRUCTURAL FRAME: 0 HOUR MECHANICAL RMS: 1 HOUR

302.3.1 NONSEPARATED USES

FIRE SEPARATION ARE NOT REQUIRED BETWEEN USES AS THE HEIGHT AND AREA LIMITATIONS

FOR EACH OF THE OCCUPANCIES APPLIES TO THE ENTIRE BUILDING

903.2.8 GROUP S-I

AN AUTOMATIC SPRINKLER SYSTEM REQUIRED IF THE FIRE AREA CONTAINING

A GROUP S-I OCCUPANCY EXCEEDS 12,000 SF

SPRINKLER SYSTEM IS REQUIRED AS THE FIRE AREA CONTAINING THE GROUP S-I OCCUPANCY IS GREATER THAN 12,000 SF

MEANS OF EGRESS

TABLE 1004.1.2 OCCUPANT LOAD:

BUSINESS: 100 GROSS 1ST FLOOR: (1,393 SF) / 100 SF PER OCCUPANT = 14 OCCUPANTS

2ND FLOOR: (720 SF) / 100 SF PER OCCUPANT = 7 OCCUPANTS

STORAGE: 300 GROSS IST FLOOR: (16,519 SF) / 300 SF PER OCCUPANT =55 OCCUPANTS

1018.1 MINIMUM NUMBER OF EXITS

1 - 500: 2 EXITS

1014.1 SPACES WITH ONE MEANS OF EGRESS

BUSINESS: MAXIMUM 50 OCCUPANT LOAD STORAGE: MAXIMUM 30 OCCUPANT LOAD

1018.2 - ONE MEANS OF EGRESS FROM SECOND FLOOR ACCEPTABLE

1009.1 STAIRWAY WIDTH

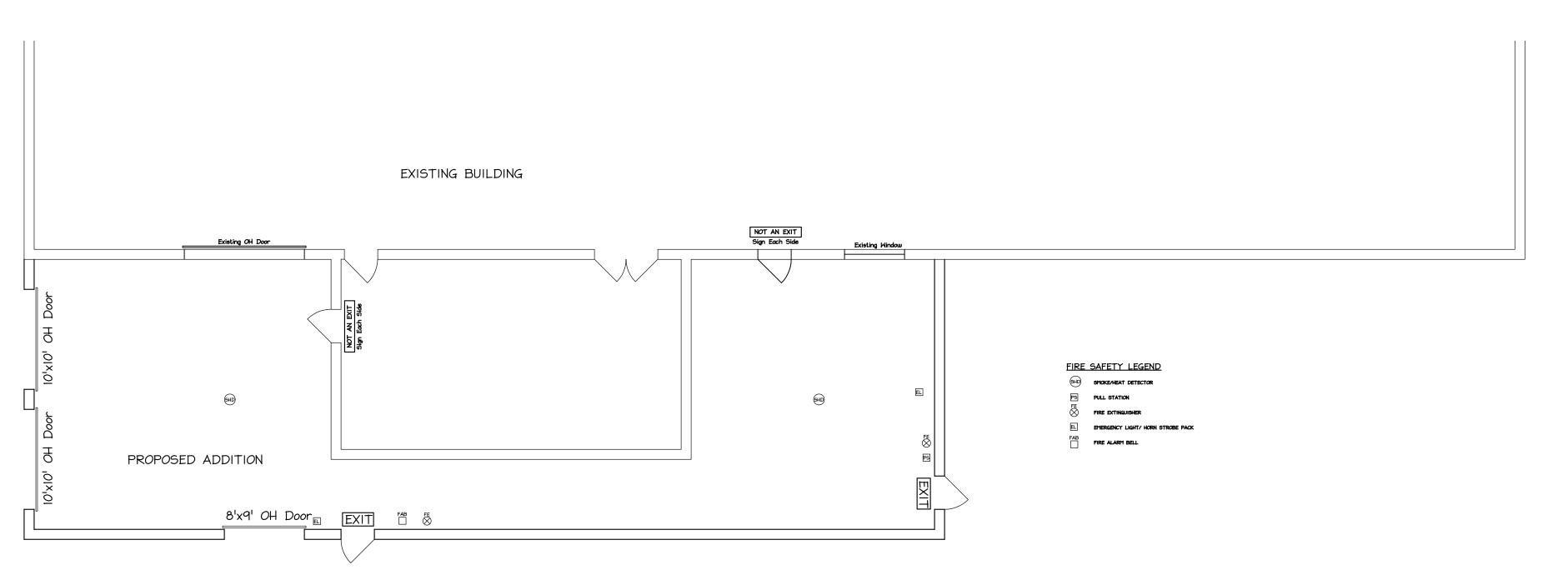
LIFE SAFETY PLAN

Scale: 1/8" = 1'-0"

EXCEPTION #1: 36" IF OCCUPANT LOAD IS LESS THAN 50 OCCUPANTS

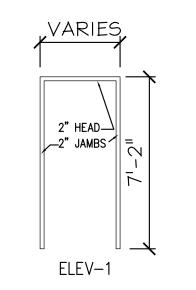
1005.1 EGRESS WIDTH PER OCCUPANT (WITH SPRINKLER SYSTEM)

DOORS & CORRIDORS: 0.15" PER OCCUPANT STAIRWAYS: 0.2" PER OCCUPANT



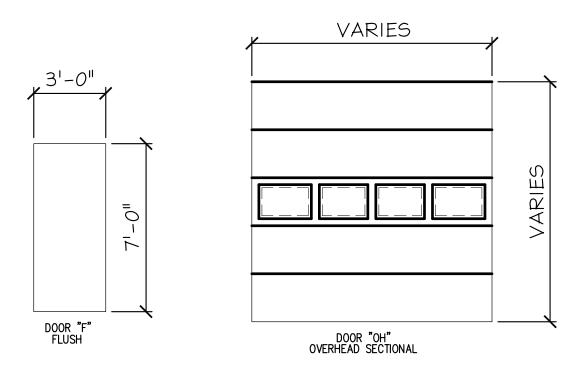
DOOR SCHEDULE									
			DOOR		FRAME				
DOOR #	‡ SIZE	LABEL	MTR'L	ELEV	MT'RL	ELEV	JAMB DTL	TYPE	REMARKS
101	10'Wx10'H		MT'L INS.	ОН				SECTIONAL OVERHEAD	ELECTRIC OPENER
102	10'Wx10'H		MT'L INS.	OH				SECTIONAL OVERHEAD	ELECTRIC OPENER
103	8'Wx9'H		MT'L INS.	OH				SECTIONAL OVERHEAD	ELECTRIC OPENER
104	3070		MT'L INS.	F	HM	1		PANIC HARDWARE & EXT. PULL	
105	3070		MT'L INS.	F	HM			PANIC HARDWARE & EXT. PULL	

NOTE - ALL 3070 DOORS TO HAVE LEVER HANDLES



INSTALL SAFETY GLASS AS REQUIRED BY CODE ALL HOLLOW METAI FRAMES TO BE HD WELDED FRAMES (FLUSH FRAMES) METAL INSULATED DOORS TO BE 1" THICK EXTERIOR PERIMETER DOORS TO BE METAL INSULATED & HAVE A MIN."U" FACTOR OF 0.10 OVERHEAD DOORS SHALL BE CONSTRUCTED OF 3 LAYERS 25ga.EXTERIOR, EXTRUDED POLYSTYRENE(R-VALUE = 17.05ANĎ 25ga. INTERIOR

FRAME ELEVATION



DOOR ELEVATIONS

FOR PERMIT - 2/19/16

