Project Description

LSE FAILURE SURVEY

After several 'walk-throughs' performed during initial visits In May & June:

Nearly Every Building Inspected So Far Have A Low Score In One or More Of These Categories. A Low Score In Just 1 Of These Results In A Failed LSE.

LSE	Inspection Number	Probability of Low Score	What To Do?
#2	Interior Finishes	85 %	For Corridors and Exits Only. Material's Flame Spread Ratings and Smoke Generation Ratings Are To Meet Specific Levels.
#6	Vertical Openings	95 %	High Rise Residential Buildings Are Very Suseptable To Fires Migrating Vertically From Floor Of Generation Upwards To Floors Above In A Stack, Also In Elevator Shafts, and Stairwells. And Because Of Un-Protected Vertical Openings Fires Can Spread Quickly To Multiple Innocent Apartments And Along Corridors. No Easy Solution: Takes An Engineering Review Of Available Options To Prepare Corrections To Existing Buildings. This Review Is Part Of Our Work In Step 3 Of The Process. We Know What It Takes To Effect Corrections For These Deficiencies.
#10	Fire Alarm Systems	98 %	No Simple Solution. We Work With A Prominent Fire Alarm Signal Equipment Manufacturer To Help Prepare Corrections For Fire Alarm Deficiencies. Takes A Lot Of Integration Efforts [By Typically 3 Types of Contractors] To The Building To Make This Successful.
#14	Standpipes	98 %	A Tough One: To Perform Corrections To Standpipes Requires 3 Engineering Disciplines And Contractors To Work Together Under Common Supervision To Help Prepare Corrections For Standpipe Deficiencies.

Note: All Dimensions are +/- 3/16" Finished Wall To Finished Wall Subject to Field Verification

Installation/Other Notes:

1. Decision Tree Adapted From NFPA 550 2017 Edition
2. TBD
3. TBD
4.

REVISIONS:

0	Initial Drawing May 20, 2020
1	
2	
3	
4	
5	

Orginal Drwg Size= 22 x 34

FEET

0 1 2 3 4 5 10

Scale = 1/4" = 12"

Fire Life Safety HAWAII
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John Whitaker Architect

THIS WORK WAS PREPARED BY ME OR UNDER MY OBSERVATION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN SECTION 1-2(H) OF THE RULES AND REGULATIONS OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS, AND SURVEYORS OF THE STATE OF HAWAII.

JOHN WHITAKER LICENSED PROFESSIONAL ARCHITECT No. 4669 HAWAII U.S.A.

LICENSE EXP:

Project Name: Building
Address:
Project I.D.: Life Safety Evaluation
Tax Map Key:

Drawn By: Randy Trager
Date: May 20, 2020
Sheet # 000
Drwg # LSE-1
Scale: 1/4" = 12"