### BUILDING EVALUATION SUMMARY (Table 3408.7)

	BUILDING E	VALUATION	SUIVIIVIANT (TADIE 3400.7	<i>)</i>		
Existing use group						_
Year building was constructed _				He	ight in feet	_
Type of construction						_
Percentage of open perimeter _ Completely suppressed:		No	Percentage of height reduc			%
Compartmentation:	Yes Yes		Corridor wall rating Required door closers:			_
Fireresistance rating of vertical c			Required door closers.	165		
Type of HVAC system			serving number of floors _			_
Automatic fire detection:	Yes		, type and location			
Fire alarm system:	Yes		type			
Smoke control:	Yes	No,	type			_
Adequate exit routes:	Yes	No		Yes		
Maximum exit access travel dista		N.1 -		Yes		
Means of egress emergency ligh	nting: Yes	No	Mixed use groups:	Yes	No	
Safety		Fire	Means		General	
parameters		safetv (FS)	of egress (I	ME)	safetv (GS)	
3408.6.1 Building height						
3408.6.2 Buildina area						
3408 6.3 Compartmentation						
3408.6.4 Tenant and dwelling ur	it separations					
3408.6.5 Corridor walls						
3408.6.6 Vertical openings						
3408.6.7 HVAC systems						
3408.6.8 Automatic fire detection	n					
3408.6.9 Fire alarm system						
3408.6.10 Smoke control		* * * *				
3408.6.11 Means of egress		* * * *				
3408.6.12 Dead ends		* * * *				
3408.6.13 Max. exit access trave	el distance	* * * *				
3408.6.14 Elevator control						
3408.6.15 Means of egress eme	ergency lighting	* * * *				
3408.6.16 Mixed use groups			* * *			
3408.6.17 Sprinklers			÷ 2 =			
3408.6.18 Specific occupancy a	rea protection					
Building score — total value						

#### BUILDING SAFETY EVALUATION SCORE (Table 3408.9)

Formula	Table 3408.7	Table 3408.8	Score	Pass	Fail
FS-MFS≥ 0	(FS)		(MFS) =		
ME-MME≥0	(ME)	-	(MME) =		
GS-MGS≥0	(GS)		(MGS) =		

FS = Fire Safety MFS = Mandatory Fire Safety
ME = Meansof Egress MME = Mandatory Means of Egress
GS = General Safety MGS = Mandatory General Safety

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NOR	Valuatio	(14A7	<b>NATIONAL BUI</b>	OCA®	E/1999	240138
2			_ FLANKEV	IEW RECOR		
4	JURISD	ICTION	- Port		Date:	
REA		NG LOCATION		y, Township, etc.)		
4	BUILDII	NG DESCRIPTION _	(Stree	et address)	7/15/	
7	REVIEW	VED BY	1 Can	4	)UQ/16	
ENB 14	Numerals as indicat sections.	sindicated in parenthesis are ted in this record is limited to It does not reference all co who are knowledgeable a	o those code sections specific de provisions which may be a	ally identified herei applicable to specif	ational Building Code. The plan rein. This record references commo ic buildings. This record is designent in evaluating construction d	only applicable code ned to be used only
55			CORRE	CTION LIST		
45	No.		DESC	CRIPTION		Code Section
<u>,</u>	2	STATEM	KNI-OF S	PECCAA PEDAL	- VSPHCVI	EN CK
120 PS1		CLRREST		ANE		
8	ι		WR ?	11/1/2		
Par	SECA4	<del>                                     </del>	4 WOOD IN	8//	2	
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<sup>\* \* \* \*</sup> No applicable value to be inserted.

	STEEL (Ch	napter 22)	
	Structural steel design/construction standard specified (2203.1, 2203.2)		Formed steel design/construction standard specified (2206.1)
	Shop drawing preparation specified (2203.4)		Formed steel member identification (2206.6)
	Open-web steel joist design/construction standard specified (2205.1)  WOOD (Ch		Lateral resistance — steel stud walls (2211.0)
NA	Installation inspections (2301.2)  Design/construction standard specified (2303.1)  Grade mark specified (2303.2)  CONSTRUCTION  Minimum dimensions (605.1, 2304.0)  Pesign/construction standard specified (2304.1)  CONSTRUCTION  Fastening and construction details (2305.0, Table 2305.2)  Wind bracing design required (2305.7)  Seismic bracing (2305.8)		Foundation anchorage (2305.17)  Seismic requirements (2306.0)  Wood structural panels (2307.0)  Particleboard (2308.0)  Fiberboard (2309.0)  Fireretardant-treatedwood (2310.0)  Decay and termite protection (231 1.0)  Joist hangers (2312.0)  Prefabricated components (2313.1, 2313.2)  Metal-plate-connected trusses (2313.3, 2313.3.2)
	NONSTRUCTURAL MATER	RIALS (Cha	pters 24, 25, 26)
	GLASS AND GLA	•	• • •
1/1	Design loads <i>(2404.0)</i> Skylights <i>(2405.0)</i>		Safety glazing (2405.0,2406.0,2407.0)
	GYPSUM BOARD AND	PLASTER (Ch	apter 25)
	Gypsum board materials (2503.0, Table 2503.2, Table 2503.3)	XIA	Plaster (2504.0,2505.0, 2506.0)
	PLASTIC (0	Chapter 26)	
	Approved materials (2601.2)  Identification (2601.4)  Interior trim (2603.7)  Alternative approval (2603.9)	FOAM PLASTIC	Labeling (2603.2) Surface-burning characteristics (2603.3) Thermal parrier (2603.4) Exterior walls (2603.5, 2603.6)

I	CORRECTION LIST (cont'd.)	<del></del>
No.	DESCRIPTION	Code Sectio
110.	DECOMM NON	Jectio
_		
	<del></del>	

## ROOFS AND ROOF STRUCTURES (Chapter 15)

	Performance requirements (1505.0)		Low-slope roof coverings (1507.5)
	Fire classification (1506.0)		Flashing (1508.0)
NOH	Steep-slope roof coverings (1507.4)	NONCE	Roof structures (1510.0)

STRUCTURAL SYSTEMS (Chapters 16, 17, 18)					
566	STRUCTURAL LO	ADS (Chapter	16)		
DESIGN LOADS (1603.1)	ON CONSTRUCTION DOCUMENTS		Internal pressure coefficient (Table 1609.7[6])		
Uniformly distrib	uted floor live loads (1603.2, 1606.0)	30-35 AS	Wind design pressure, P (1609.7)		
Floor Area (	Jse / Loads Shown  Loads Shown	Earthquake load	ds (1603.6, 1610.0)  Peak velocity-related acceleration, $A_V$ (1610.1.3)		
		<del></del>	Peak acceleration, Aa (1610.1.3)		
		110	Seismic hazard exposure group (1610.1.5)		
	Live load reduction (1603.2, 1606.7)		Seismic performance category (1610.1.7)		
1	Roof live loads (1603.3, 1607.0)		Soil-profile type (Table 1610.3.1)		
Roof snow loads 50 + DR	Ground snow load, $P_g$ (1608.2)  If $P_g > 10$ psf, flat-roof snow load, $P_f$ (1608.3)	Concerro 2=5 Cd-	Response modification factor, $C_d$ (Table 1610.3.3)		
	If $P_g > 10$ psf, snow exposure factor, $C_e$ (Table 1608.3.1)		Analysis procedure (1610.4, 1610.5)		
	If $P_g > 10$ psf, roof thermal factor (Table 1608.3.2)	<u> </u>	ENT HOUSE 150 (85/50/4) Attic load (1606.2.2, 1606.2.3)		
	If $P_g > 10$ psf, snow load importance factor, I (Table 1608.3.3)	V 20°	んり, Partition loads <i>(1606.2.4)</i>		
	Sloped roof snowload, Ps (1608.4)		Concentrated loads (1606.3)		
Wind loads (760	3.5, 1609.0)		Impact loads (1606.6)		
4 Jansey	Basic wind speed (1609.3)		Misc. loads (1606.4, 1606.8, 1606.9, 1607.5, 1612.0)		
1 2 3	Wind exposure category (1609.4)	STRUCTURAL	DESIGN CALCULATIONS		
1,00	Wind importance factor, I (Table 1609.5)		Submitted for all structural members (107.7)		

Complete construction (107.5, 107.6, 10	on documents	./
		Signed/sealed construction document (107.7, 114.1)
BUILDIN	NG PLANNIN	G (Chapters 3, 4, 5, 6)
USE OR C	OCCUPANCY CLA	ASSIFICATION (302.0-313.0)
Single Use Group		Specific occupancy areas (302.1.1)
B/A3 Mixed Use Groups		Accessory areas (302.1.2)
GENER <i>A</i>	AL BUILDING LIM	ITATIONS (Chapters 5 & 6)
	ed use groups. Apply	d permitted types of construction for a building containing a Case 2 to determine the allowable height and area and perted mixed use groups.
	AREA MODIFICATI	ONS TO TABLE 503
$T_o$ of Allowable tabular area ( <i>Table 50</i> .	3) <u>100%</u>	
Reduction for height (Table 506.4)	<u>- کو ح</u>	Open perimeter /OC Now //5 (506,2) North East South West
Increase for open perimeter (506.2	) + <del>88 yo</del>	i 75
6 Increase for automatic	. 100	perim. 390 ft. Perimeter 565 ft.
sprinklers (506.3)	+ <u>/ 5 5 Yo</u>	% Open perimeter = 390/365 - 696 (Open perim./perim.) x 100%
otal percentage factor Conversion factor	/ = <u>268%</u>	Yo Tab. area increase = $\frac{669 - 35}{44 \times 2}$
Conversion factor Total persons	/(00 = 2 - 60 ge factor/100%)	(506.2) $2\times$ (% Open perim25%)
ALLUWABLE 8.400 SQF		225/2 S/F.
TL COWABLE 1.700 SQF	E USE OR NONSEPA	ARATED MIXED USE GROUPS (313.1.1)
Jsing Table 503, identify the allowable nixed use groups. Construction types	e height and area of the s that provide an allow	e single use group or the most restrictive of the nonseparat rable tabular area equal to or greater than the adjusted floud qual to or greater than the actual building height are permitted
Actual floor area <u>17600</u>		Actual building height 42 feet 3 stor
Adjusted floor area* 2256		Allowable building height 50 feet 5 stor
,		<del>-</del>

# OCCUPANT NEEDS (Chapters 10, 11, 12)

## MEANS OF EGRESS (Chapter 10)

	OCCUPAN	NT LOAD <i>(1008.0 and</i>	Table1008.1.2)		CAPACITY OF EG (1009.0 and Tab	RESS COMPONEN ble 1009.2)	ITS TOTA
B	Location  BASEM  157  2ND	Floor : Sq.ft./ = $\frac{C}{Area}$ : person = $\frac{C}{Area}$	Other occt. ad loads	Total	Egress width (inch/ Stairways Doors/ramps/cd/ CAPACITY	RESS COMPONEN  Joccupant)  orridors  Stairways	16 VELACE 18 REQ.
				40	Location	Stairways	corridors
				t		b b	
					NUMBER OF EXIT	TS <i>(1010.0)</i> Required	Shown

ATDU 1840			Dublid name (400.0)
ATRIUMS	Automatic sprinkler system (404.2)		Public garages (408.0)
	Occupancy (404.3)	<del></del>	Use Group I-2 (409.0)
	Smoke control (404.4)		/Use Group I-3 (410.0)
	Enclosure (404.5)	H-V	Stages and platforms (412.0)
	Fire alarm system (404.6)	<del>/</del>	Special amusement buildings (413.0)
	Travel distance (404.7)	<i>'</i> /	HPM facilities (416.0)
	, ,		Hazardons materials (307.8, 417.0)
JINER SPEC	CIAL USE AND OCCUPANCY Upderground/structures (405.0)	<del></del>	Use Groups H-1, H-2, H-3 and H-4 (4/8.0)
	Open parking structures (406.0)		Symming pools (421.0)
	Private garages (407.0)		'Storage racks (422.0)
	FIRE PROTECTION	(Chapters	
FIR	ERESISTANT MATERIALS AND COM	•	•
	indicates required rating in hours. NC	FIRE PARTITIO	• •
	combustible construction required.		Exit access corridors (711.0,1011.4)
COMBUSTIBI	ILITY (603.0, 604.0, 605.0, 606.0)		_ Tenant separations (711.0)
-Q	Exterior walls		_ Dwelling unit separations (711.0)
_()_	Interior elements	7_/\	_ Guestroom separations (711.0)
	Roof	OTHER FIRERE	ESISTANT CONSTRUCTION-
CONSTRUCT	TION DOCUMENTS (703.0)	24R	$\omega/D_{OJB}c\mathcal{E}/2000$ Dow $\sim$ Fire and party walls $D_{OJR}$
	Fire tests (704.0)	I I HO	(707.0 and Table 707.1) SE PAZ
EXTERIOR W	/ALLS (507.2, 705.0, 716.6)		Smoke barriers (712.0)
	North East South West		Nonloadbearing partitions GAAA (Table 602)
Fire separation distance /	90-30' PUUS!		(Table 602)  Interior loadbearing walls. Columns, girders, trusses (716.0)
Loadbearing Nonloadbear			Supporting construction (716.0)
Nonloadbear	Exterior opening protectives		Floor construction (713.0, 1006.3.1)
	(705.3, 706.0)  Continuity of exterior walls (705.6)		Roof construction (7 13.0, 715.0)
FIRE SEPAR	ATION ASSEMBLIES	(	Penetrations (714.0)
_2HA	2_ Exit enclosures (709.0, 710.0, 1014.11)	<i></i>	_ Opening protectives (717.0, 719.0, 720.0)
	C - Other shafts (709.0, 710.0)	′( ——	_ Fire dampers (718.0)
116	Mixed use and fire area separations		_ Fireblocking/draftstopping (721.0)
11	(313.1.2) Other separation assemblies (302.1.1, Table 602)		Thermal and sound-insulating materials (723.0)
		7-	DOOR ?