



2021 International Building Code Analysis for Plan Submittal

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Phone: (702) 229-6251

NOTE: The following code analysis information is to be provided on all commercial plans submitted to the Building & Safety Department. The original code year and code analysis for the building will also need to be provided on the plans. The information you are providing will help the plans check processing time and accuracy.

ANALYSIS ITEMS			CODE SECTION REFERENCE
1) Code Year / Type (Building, Residential, Electrical, Energy, Fire, Mechanical, Plumbing, Swimming Pool & Spa, Existing Building)			City Ordinance 6632, 6633, 6639, 6635, 6631, 6631, 6638, 6636, 6634
2) Occupancy Classification			IBC Chapter 3
3) Type of Construction (For "T.I." only, show type of construction for both the existing shell building and the proposed "T.I.")			IBC 602
4) Fire Sprinklers	Yes / No _____ If Yes: New ____ Existing ____	Type NFPA _____	IBC 903, 903.3
5) Fire Alarm	Yes / No _____ If Yes: New ____ Existing ____		IBC 907
6) Height	Allowable _____	Actual _____	IBC 503, 504 & Table 504.3
7) Stories	Allowable _____	Actual _____	IBC 503, 504 & Table 504.4
8) Area	Allowable _____	Actual _____	IBC 503, 505 through 507 & Table 506.2
(Include allowable area calculations per IBC 506) (Include mixed occupancy calculations if applicable)			
9) Occupant Load per Floor (Identify the use of Fixed or Movable Seats)			IBC 1004 & Table 1004.5
10) Number of Exits	Required _____ (If (2) or more exits required; Egress Plan Required)	Provided _____	IBC 1006, 1007, & Tables 1006.2.1, 1006.3.3, 1006.3.4(1), 1006.3.4(2)
11) Fire-Resistance Rating Requirements for Building Elements (Specify areas receiving spray applied fire protection)			IBC 602, Chapter 7, & Table 601
12) Fire-Resistance Rating of Exterior Walls Due to Location on Property (Specify fire separation distances on site plans)			IBC 705, & Table 705.5
13) Fire-Resistance Protection of Openings Due to Location on Property and Maximum Area of Exterior Wall Openings (Provide calculations)			IBC 705.8 & Table 705.8
14) Fire Resistance Rating of Specific Spaces and/or Design (Specify spaces requiring separation and hourly fire resistance rating)			IBC 420, 509, 706, thru 713, 716, 1011.7, 1020, 1023, 1024, 3005, 1018.1 & Tables 509.1, 716.1(2)
15) Fire Resistance Rating of Non-separated or Separated Occupancies (Provide mixed occupancy calculations if applicable)			IBC 508, & Table 508.4
16) Roof Covering Material Class	Allowable _____	Actual _____	IBC Table 1505.1
17) Required Plumbing Fixtures (Provide calculations for the number of water closets, urinals, lavatories, drinking fountains, and service sinks)			IBC 2902 & Table 2902.1
18) Special Inspection(s) Required (Provide table specific to the project)			IBC 909.18.8 & 1705
19) I.E.C.C. compliance			IECC C103, C401.2, Ch. 5 - (CE) & (RE), R103, R401.2