



# 2018 International Building Code Analysis for Plan Submittal

333 North Rancho Drive, Las Vegas NV 89106-3703

Phone: (702) 229-6251 Fax: (702) 382-1240

The following code analysis information is to be provided on all commercial plans submitted to the Building & Safety department. The information you are providing will help the plans check processing time and accuracy.

| <u>Analysis Items</u>  | <u>Code Section Reference</u>   |
|--|---|
| <b>1) Code Year / Type</b> (Building, Residential, Electrical, Energy, Fire, Mechanical, Plumbing, Swimming Pool & Spa, Existing Building)               | City Ordinance 6632, 6633, 6639, 6635, 6631, 6638, 6636, 6634                                   |
| <b>2) Occupancy Classification</b>   | IBC Chapter 3   |
| <b>3) Type of Construction</b> (For "T.I." only, show type of construction for both the existing shell building and the proposed "T.I.")                 | IBC 602   |
| <b>4) Fire Sprinklers</b> Yes / No _____<br>If Yes: New ___ Existing ___ Type NFPA _____   | IBC 903, 903.3  |
| <b>5) Fire Alarm</b> Yes / No _____<br>If Yes: New ___ Existing ___  | IBC 907   |
| <b>6) Height</b> Allowable _____ Actual _____  | IBC 503, 504 & Table 504.3  |
| <b>7) Stories</b> Allowable _____ Actual _____   | IBC 503, 504 & Table 504.4  |
| <b>8) Area</b> Allowable _____ Actual _____<br>(Include allowable area calculations per IBC 506)<br>(Include mixed occupancy calculations if applicable) | IBC 503, 505 through 507 & Table 506.2  |
| <b>9) Occupant Load per Floor</b><br>(Identify the use of Fixed or Movable Seats)  | IBC 1004 & Table 1004.5   |
| <b>10) Number of Exits</b> Required _____ Provided _____<br>(If (2) or more exits require Egress Plan Required)  | IBC 1006, 1007, & Tables 1006.2.1, 1006.3.2, 1006.3.3(1), 1006.3.3(2)                           |
| <b>11) Fire-Resistance Rating Requirements for Building Elements</b><br>(Specify areas receiving spray applied fire protection)                          | IBC 602, Chapter 7, & Table 601   |
| <b>12) Fire-Resistance Rating of Exterior Walls Due to Location on Property</b><br>(Specify fire separation distances on site plans)                     | IBC 705, & Table 602  |
| <b>13) Fire-Resistance Protection of Openings Due to Location on Property and Maximum Area of Exterior Wall Openings</b> (Provide calculations)          | IBC 705.8 & Table 705.8   |
| <b>14) Fire Resistance Rating of Specific Spaces and/or Design</b><br>(Specify spaces requiring separation and hourly fire resistance rating)            | IBC 420, 509, 706, thru 713, 716, 1011.7, 1020, 1023, 1024, 3005 & Tables 509, 716.1(2), 1018.1 |
| <b>15) Fire Resistance Rating of Non-separated or Separated Occupancies</b><br>(Provide mixed occupancy calculations if applicable)                      | IBC 508, & Table 508.4  |
| <b>16) Roof Covering Material Class</b> Allowable _____ Actual _____   | IBC Table 1505.1  |
| <b>17) Required Plumbing Fixtures</b> (Provide calculations for the number of water closets, urinals, lavatories, drinking fountains, and service sinks) | IBC 2902 & Table 2902.1   |
| <b>18) Special Inspection(s) Required</b> (Provide table specific to the project)  | IBC 909.18.8 & 1705   |
| <b>19) I.E.C.C. compliance</b>   | IECC C103, C401.2, Ch. 5 - (CE) & (RE), R103, R401.2  |