
NOTE: This is not an all-inclusive list
2018 IBC Technical Code Revisions Pending

GENERAL

- PLANS DRAWN TO SCALE: Provide two sets of plans, minimum 24” x 36”, maximum size of 36” x 42” on a non-erasable median. The building plans should be drawn to a scale of 1/4” = 1’; detail scaled at 1/2” = 1” minimum. Indicate the scale and the direction of North (site plan). Structural calculations and manufacturer’s cut sheets to accompany plans. All plans shall be of sufficient clarity to show proposed construction methods, including dimensions. ALL PLANS, PAGES AND SHEETS SHALL BE LEGIBLE.

- Architectural/Engineer plans – Sealed.
- Mechanical/Plumbing plans as required.
- Structural calculations and sheets – Sealed.
- Site plan – accessible parking and the location of any yard lines, including the water meter size or well location, water service supply size, sewer or septic system location with size of line and any gas lines. Location, size and clearance distances from buildings and property lines are required for any propane tank installations. IRC Sections: P2901, P3001, G2415
- Asbestos - CSI certificate for existing buildings.

PROPOSED SPECIFICATIONS:

- Square Footage: ______________
- Building Height: ______________
- Number of Stories: ______________
- Occupancy Classes: ______________
- Construction Type: ______________
- Sprinklers [ ]13 [ ]13R [ ]Other: ______________
- [ ] Alarm
- Square Footage Mixed Occupancy: ______________
- Building Setbacks/Separations Distances: N: _______ S: _______ E: _______ W: _______
- Sprinklers [ ]13 [ ]13R [ ]Other: ______________
- [ ] Alarm
- Square Footage Mixed Occupancy: ______________
- Building Setbacks/Separations Distances: N: _______ S: _______ E: _______ W: _______

CONSTRUCTION DETAIL: Show building cross-section, including materials to be used (roof through foundation), load path, bearing and up-lift, stairs and stairway details, retaining walls, and materials, anchors, hold downs, ties, mechanical equipment locations and type (gas or electric); foundation sections and any other special construction detail required to clarify code compliance.

PROPOSED PLAN: Existing Building Code 302.1

[ ] New Building [ ] Addition [ ] Alteration [ ] Other __________________________

OCCUPANCY GROUP: IBC Chapter 3 Sec. 303-312 (include sq. ft. per)

[ ] A-__ _________ [ ] B-_________ [ ] E-__ _________ [ ] F-__ _________
[ ] H-__ _________ [ ] I-_________ [ ] M-__ _________ [ ] R-__ _________
[ ] S-__ _________ [ ] U-_________

INCIDENTAL USES: IBC Chapter 5 IBC Table 508.2

- Furnace > 400,000 BTU
- Broilers > 15psi > 10hp ______________
- Refrigeration or Hydrogen
- Paint Shops
- Laboratories – Vocational Shops
- Laundry – Storage - Batteries
- Parking Garage

MIXED OCCUPANCY GROUP: IBC Section 508.3
[ ] Separation required  [ ] Non-Separated  [ ] Accessory  [ ] Combination

**SEPARATION RATING:** IBC Table 508.3.3

[ ] 1-hour  [ ] 2-hour  [ ] 3-hour  [ ] 4-hour

**TYPE OF CONSTRUCTION:** IBC Chapter 6

[ ] I A/B  [ ] II A/B  [ ] III A/B  [ ] IV HT  [ ] V A/B

**STRUCTURAL COMPONENTS:** IBC Section 602

[ ] 1-hour  [ ] 2-hour  [ ] 3-hour

**COMBUSTIBLE MATERIAL:** IBC Section 603

[ ] Type I & II Construction  [ ] Use of Fire Treated Wood

**FIRE RESISTIVE CONSTRUCTION:** IBC Chapter 7

- Rated Assemblies - Testing
- Openings - Penetrations
- Concealed Spaces
- Draft / Firestops
- Fire – Walls, barriers, partitions
- Smoke – Walls, barriers, partitions
- Shaft enclosures rating

**FIRE SEPARATION DISTANCE:** IBC Section 702

[ ] Property Line  [ ] Center of street/alley/public way  [ ] Imaginary Line between buildings  [ ] Wall/Roof projections

**EXTERIOR WALLS:** IBC Table 602

Rating - [ ] 1-hour  [ ] 2-hour  [ ] 3-hour

**ALLOWABLE FLOOR AREA:** IBC Chapter 5, IBC Sections 503-508

[ ] Per Floor allowable  [ ] Total building allowable  [ ] Increases, Sprinklers

**HEIGHT & NUMBER OF STORIES:** IBC Chapter 5, IBC Sections 502-509 {review definitions: basement, grade plane, building height, story height, mezzanine}


**SPECIAL OCCUPANCY REQUIREMENTS:** IBC Chapter 3 & 4

[ ] Malls  [ ] Parking Structures  [ ] Hazardous Uses  [ ] Motor Vehicles  [ ] Assembly

**DESIGN OCCUPANT LOAD** IBC Chapter 10

Occupant Load Factor  Total Occupant Load = ___________________  Egress width & hardware type

**MEANS OF EGRESS:** IBC Chapter 10

- Elements, continuity, rated corridors
- Required Illumination - Separation
- Number of Exits – direction of travel
- Travel distance – sprinkler increase
- Ramps
- Slope / Rise / Run
- Emergency Escape / Rescue

**INTERIOR FINISHES:** IBC Chapter 8

[ ] Interior surface coverings  [ ] Flame spread rating/ smoke development  [ ] Material Class I, II or III
**FIRE PROTECTION:** IBC Chapter 9 (required or not? Firewalls?)

[ ] Fire suppression system type  [ ] Fire Alarm  [ ] Smoke Control  [ ] Smoke/Heat vents

**ACCESSIBILITY:** IBC Chapter 11, ANSI A117.1, IBC Appendix E, TAS-TDLR#=

- Parking, 1:48, Symbol
- Accessible Unit or A/B type
- Accessible route of travel
- Separate rooms or unisex
- Special Requirements
- Signage and symbols

**DETAILED CODE REGULATIONS:**

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