



107 Jacobsen Way
Carson City NV 89711
Phone: (775) 684-7500
Fax: (775) 684-7518

APPLICATION FOR PLANS REVIEW

PLANS SUMMITTAL BY

Firm or Person(s): _____

Address: _____

Contact Name _____ Phone: () _____ Fax () _____

Number of Copies	Descriptions of Documents

PROJECT DESCRIPTION

- Architectural/Construction Plans
 Automatic Sprinkler
 Fire Alarm
 Extinguishing System (non-sprinkler)
 Other (specify)

Building Use: _____ Project Square Footage: _____

Type of Occupancy _____ Type of Construction: _____

Project Owner: _____

Project Name: _____

Project Address: _____

City: _____ County _____ Zip: _____

Date construction is to begin: / / Construction Cost: \$ _____ Bid/Actual

Building Permit issued by: County City Permit No. _____ Estimate

Fee Enclosed: Yes No Amount \$ _____ Check Number: _____

Per NAC 477.750

For Office Use Only

Project No. _____ Staff: _____ Date: _____

Amount Received: \$ _____ Balance Due: _____ Plans on Shelf: Y N

Notice/ BC sent for Balance Due on _____ BC No. _____



STATE FIRE MARSHAL DIVISION

PLANS SUBMITTAL CHECKLIST PER NAC 477

This form shall be filled out in its entirety and returned with the applications and fees. The following information is essential to the plan review process and must be provided.

A) TWO (2) completed set of plans shall include the following: (check off each item being submitted)

- Completed plan review application, including plan review fee.
- One (1) complete set of specifications, if applicable
- An accurate dimensioned plot/site plan (with scale noted)
- Building code analysis/basis of design *for architect and engineered projects.*
- Floor plan drawn to scale showing all dimensions (with scale noted)
- Exterior elevations drawn to scale (with scale noted)
- Detailed drawings of wall, floor and roof construction drawn to scale (with scale noted)
- Schedules and details indicating the rating of any fire assemblies provided, i.e.: walls, floor/ceiling, roof/ceiling, (show specific assembly number and source), windows, doors and dampers.
- Mechanical drawings, including sizes (i.e. CFM and BTU capacities of HVAC equipment, location and installation details of fire/smoke dampers and hood and duct system details such as rated grease duct enclosures and hood and duct installation clearances.
- Electrical drawings including emergency lighting/power systems and equipment shutdown controls
- Sprinkler plans shall include all data per NFPA 13, material specifications on all material used in the system. Hydraulic calculations and systems will comply with NFPA 13. **A contractor licensed for sprinkler systems by this office shall submit the plans. Original stamp/signature/date on design documents and reports must be legible. A designer of fire sprinkler systems must hold a Level II certification from the National Institute for Certification in Engineering Technologies (NICET), be licensed as a professional engineer pursuant to [chapter 625](#) of NRS or hold an equivalent certification.**
- Fire alarm systems shall include plans, material specifications, battery calculations and wiring diagrams. **A contractor licensed for fire alarm systems by this office shall submit the plans. Original stamp/signature/date on design documents and reports must be legible. A designer of fire alarm systems must hold a Level II certification from the National Institute for Certification in Engineering Technologies (NICET), be licensed as a professional engineer pursuant to [chapter 625](#) of NRS or hold an equivalent certification.**
- Where hazardous/combustible/flammable materials are used, MSDS sheets are required including quantities use and/or stored in buildings/. This office may require a report classifying those materials. Owner may need a hazardous materials permit (call 775-684-7524 for more information)
- Commercial hood and duct, and other automatic fire extinguishing systems with material specifications
- Fire apparatus access roads, including turnarounds etc. Per Uniform Fire Code.
- Fire flow, hydrant, water supply location, per Uniform Fire Code or NFPA 1231 (rural water systems)
- Motor vehicle fuel dispensing stations with above ground storage tanks, per Uniform Fire Code.

B) Architects – NRS 623

- Original stamp/signature/date on design documents and reports.

C) Contractors – NRS 624

- A Nevada licensed contractor may provide and submit plans in his/her discipline under the provisions of NRS 623.330(1)(d) contractors exemption in the architects law. Plans submitted by the contractor and shall include his/her firm name, signature, license number and date (all in original ink), on all documents submitted including **sprinkler and alarm plans.**

D) Engineers – NRS 625

- Original stamp/signature/date on design documents and reports.

INCOMPLETE INFORMATION OR SUBMITTAL WILL DELAY THE REVIEW PROCESS

Only individuals identified in items B, C, and D above may prepare plans for submittal.

If a conference is required/requested for any project, a fee will be charged at the rate of \$55.00 per man hour of State Fire Marshal staff required to attend the conference. (NAC 477.750 Fees)

Did you check/mark each item on this list?



FIRE ALARM SUBMITTAL REQUIREMENTS

This form shall have all items checked, indicating compliance. It shall be returned along with the following items, all of which are essential to the plan review process.

- Plan review application

- Fee per the attached schedule

- Two (2) complete sets of plans conforming to the International Fire code, 2003 Edition, and the NFPA 72, 2002 edition including but not limited to:
 - A contractor licensed for fire alarm systems by this office shall submit the plans. Original stamp/signature/date on design documents and reports must be legible. A designer of fire alarm systems must hold a Level II certification from the National Institute for Certification in Engineering Technologies (NICET), be licensed as a professional engineer pursuant to [chapter 625](#) of NRS or hold an equivalent certification.
 - Scaled floor plans specifically for the fire alarms system *Professionally* drawn by a contractor licensed by *this office for fire alarm system installation*.
 - Battery Calculations
 - Material specifications on all material/devices to be used, with specific part/model number highlighted and/or checked. *NOTE: Material specification does not mean Installation/Operation and Maintenance Instructions.*
 - Note the specific size (if applicable) of devices used, i.e. strobe candela rating.
Note: ensure that strobe size and placement conform to figures A.7.5.4.1(a), A.7.5.4.1(b), A.4.5.4.1(c) and A.7.5.4.2 of NFPA 72, 2003 edition.
 - Location of remote annunciator(s) manual pull station, detectors, horn, strobes, etc.
 - Indicate the installation height of devices as prescribed in NFPA 72, 2003 edition A.7.5.4.3
 - Provide a legend denoting what the symbols on the drawing are used for.

Did you check/mark each item on this list?

PLANS SECTION REVISED FEE SCHEDULE AS OF 02/14/2002

NAC 477.750 Fees; review by local government. (NRS 477.030, 477.031)

1. Any plans and specifications submitted to the State Fire Marshal for review must be accompanied by the appropriate fee based upon the proposed cost of construction or if a bid is accepted, the actual bid, according to the following:

VALUATION	FEE	VALUATION	FEE	VALUATION	FEE
\$1 to \$4,000	\$73.15	\$36,001 to \$37,000	\$279.84	\$69,001 to \$70,000	\$415.47
\$4,001 to \$5,000	\$78.98	\$37,001 to \$38,000	\$284.90	\$70,001 to \$71,000	\$422.51
\$5,001 to \$6,000	\$86.02	\$38,001 to \$39,000	\$289.96	\$71,001 to \$72,000	\$426.03
\$6,001 to \$7,000	\$93.06	\$39,001 to \$40,000	\$294.91	\$72,001 to \$73,000	\$429.55
\$7,001 to \$8,000	\$100.10	\$40,001 to \$41,000	\$299.97	\$73,001 to \$74,000	\$433.07
\$8,001 to \$9,000	\$107.14	\$41,001 to \$42,000	\$305.03	\$74,001 to \$75,000	\$436.59
\$9,001 to \$10,000	\$114.13	\$42,001 to \$43,000	\$310.09	\$75,001 to \$76,000	\$440.11
\$10,001 to \$11,000	\$121.11	\$43,001 to \$44,000	\$315.04	\$76,001 to \$77,000	\$443.63
\$11,001 to \$12,000	\$128.15	\$44,001 to \$45,000	\$320.10	\$77,001 to \$78,000	\$447.15
\$12,001 to \$13,000	\$135.19	\$45,001 to \$46,000	\$325.16	\$78,001 to \$79,000	\$450.56
\$13,001 to \$14,000	\$142.23	\$46,001 to \$47,000	\$330.22	\$79,001 to \$80,000	\$457.60
\$14,001 to \$15,000	\$149.27	\$47,001 to \$48,000	\$335.17	\$80,001 to \$81,000	\$461.12
\$15,001 to \$16,000	\$156.20	\$48,001 to \$49,000	\$340.23	\$81,001 to \$82,000	\$466.84
\$16,001 to \$17,000	\$163.24	\$49,001 to \$50,000	\$345.29	\$82,001 to \$83,000	\$468.16
\$17,001 to \$18,000	\$170.28	\$50,001 to \$51,000	\$348.81	\$83,001 to \$84,000	\$471.68
\$18,001 to \$19,000	\$176.20	\$51,001 to \$52,000	\$352.33	\$84,001 to \$85,000	\$475.20
\$19,001 to \$20,000	\$184.36	\$52,001 to \$53,000	\$355.85	\$85,001 to \$86,000	\$478.72
\$20,001 to \$21,000	\$191.40	\$53,001 to \$54,000	\$359.37	\$86,001 to \$87,000	\$482.24
\$21,001 to \$22,000	\$198.44	\$54,001 to \$55,000	\$362.78	\$87,001 to \$88,000	\$485.76
\$22,001 to \$23,000	\$205.37	\$55,001 to \$56,000	\$366.30	\$88,001 to \$89,000	\$489.28
\$23,001 to \$24,000	\$212.41	\$56,001 to \$57,000	\$369.82	\$89,001 to \$90,000	\$492.80
\$24,001 to \$25,000	\$219.45	\$57,001 to \$58,000	\$373.34	\$90,001 to \$91,000	\$496.21
\$25,001 to \$26,000	\$224.51	\$58,001 to \$59,000	\$376.86	\$91,001 to \$92,000	\$499.73
\$26,001 to \$27,000	\$229.57	\$59,001 to \$60,000	\$380.38	\$92,001 to \$93,000	\$503.25
\$27,001 to \$28,000	\$234.52	\$60,001 to \$61,000	\$383.90	\$93,001 to \$94,000	\$506.77
\$28,001 to \$29,000	\$239.58	\$61,001 to \$62,000	\$387.42	\$94,001 to \$95,000	\$510.29
\$29,001 to \$30,000	\$243.98	\$62,001 to \$63,000	\$390.94	\$95,001 to \$96,000	\$513.81
\$30,001 to \$31,000	\$249.70	\$63,001 to \$64,000	\$394.46	\$96,001 to \$97,000	\$517.33
\$31,001 to \$32,000	\$254.65	\$64,001 to \$65,000	\$397.98	\$97,001 to \$98,000	\$520.85
\$32,001 to \$33,000	\$259.71	\$65,001 to \$66,000	\$401.50	\$98,001 to \$99,000	\$524.37
\$33,001 to \$34,000	\$264.77	\$66,001 to \$67,000	\$404.91	\$99,001 to \$100,000	\$527.89
\$34,001 to \$35,000	\$269.83	\$67,001 to \$68,000	\$408.43		
\$35,001 to \$36,000	\$274.78	\$68,001 to \$69,000	\$411.95		

2. If the proposed cost or bid is more than \$100,000 but less than \$500,000, the fee is \$531.41 for the first \$100,000 plus \$2.69 for each additional \$1,000 or fraction thereof of the proposed cost or bid.
3. If the proposed cost or bid is \$500,000 or more but less than \$1,000,000, the fee is \$1,609.41 for the first \$500,000 plus \$2.37 for each additional \$1,000 or fraction thereof of the proposed cost or bid.
4. If the proposed cost or bid is \$1,000,000 or more, the fee is \$2,780.91 for the first \$1,000,000 plus \$1.65 for each additional \$1,000 or fraction thereof of the proposed cost or bid.
5. If a conference is required for any given project, a fee will be charged at the rate of \$55 per hour or any fraction thereof, for each person from the State Fire Marshal's office required to attend the conference.

NOTES: N.R. – Not required
N.A. – Not applicable

ADMINISTRATION (Chapter 1)

_____ Complete construction documents
(106.1, 106.2)

_____ Signed/sealed construction documents
(106.1, State laws vary)

BUILDING PLANNING (Chapters 3, 4, 5, 6) OCCUPANCY CLASSIFICATION (302.0 - 312.0)

_____ Single Occupancy (302.1)
_____ Mixed Occupancy (302.3)

_____ Incidental use areas (302.1.1)
_____ Accessory use areas (302.2)

GENERAL BUILDING LIMITATIONS (Chapters 5 & 6)

Apply Case 1 to determine the allowable height and area permitted types of construction for a building containing single occupancy or non-separated mixed occupancies. Apply Case 2 to determine the allowable height and area and permitted types of construction for a building containing separated mixed occupancies.

% of Allowable tabular area, A_t (Table 503)	<u>100%</u>	Frontage	_____	_____	_____	_____
			North	East	South	West
% Increase for frontage, I_f (506.2)	+	Total Frontage(F)	_____ ft.	Perimeter (P)	_____ ft.	
% of Increase for automatic sprinklers, I_s (506.3)	+	Width of open space (W) = _____				
Total percentage factor	=	% Frontage increase (I_f) = _____				
Conversion factor	_____		$I_f = \left[\frac{F}{P} - 0.25 \right] \frac{W}{30}$			
	Total percentage factor) 100%					

CASE 1 - SINGLE OCCUPANCY OR NON-SEPARATED USES (302.3.1)

Using Table 503, identify the allowable height and area of the single occupancy or the most restrictive of the non-separated mixed occupancies. Construction types that provide an allowable tabular area equal to or greater than the adjusted building area and allowable heights (as modified by Section 504) equal to or greater than the actual building height are permitted.

DETERMINE CONSTRUCTION TYPE

CHECK ALLOWABLE AREA (506.4)

Actual building area _____ ft²

Allowable area per floor (A_a) _____

Adjusted building area _____ ft²
actual building area) conversion factor

_____ x _____ = _____ ft²
conversion factor tabular area (Table 503)

Actual building height _____ feet _____ stories

Total floor area (all stories) _____ ft²

Allowable building area _____ feet _____ stories

Allowable floor area (all stories) _____

Permitted types of construction _____

_____ x _____ = _____ ft²
Allowable area per floor (A_a) number of stories (maximum 3)

Type of construction assumed for review (602.1.1) _____

Compliance verified (Single Occ. Or Nonsep). _____

CASE 2 – MIXED OCCUPANCY SEPARATED USES (302.3.2)

Using Table 503, identify the allowable height and area of each of the separated use within the building. Construction types that provide, for each story of the building, tabular areas (as modified by Section 506) which result in a sum of the ratios of 1.00 or less and allowable heights (as modified by Section 504) equal or greater than the actual height of the use are permitted.

Story	Group	Actual floor area	Adjusted floor area	Actual height	Allowable height
_____	_____	_____ ft ²	_____ ft ²	_____ ft _____ stories	_____ ft _____ stories
_____	_____	_____ ft ²	_____ ft ²	_____ ft _____ stories	_____ ft _____ stories
_____	_____	_____ ft ²	_____ ft ²	_____ ft _____ stories	_____ ft _____ stories
_____	_____	_____ ft ²	_____ ft ²	_____ ft _____ stories	_____ ft _____ stories
_____	_____	_____ ft ²	_____ ft ²	_____ ft _____ stories	_____ ft _____ stories
_____	_____	_____ ft ²	_____ ft ²	_____ ft _____ stories	_____ ft _____ stories
_____	_____	_____ ft ²	_____ ft ²	_____ ft _____ stories	_____ ft _____ stories
_____	_____	_____ ft ²	_____ ft ²	_____ ft _____ stories	_____ ft _____ stories
_____	_____	_____ ft ²	_____ ft ²	_____ ft _____ stories	_____ ft _____ stories

$$\sum \frac{\text{Adjusted floor area}^*}{\text{Allow. Tab area, } A_t \text{ (Table 503)}} = \text{_____} + \text{_____} + \text{_____} + \text{_____} = \text{_____} \#100$$

* Adjusted floor area = actual floor area) conversion factor

CHECK ALLOWABLE AREA (506.4)

_____ x _____ = _____ ft² Permitted types of construction _____
conversion factor Tabular area (Table 503)

_____ ft² Type of construction assumed
Total floor area (all stories) for review (602.1.1)

_____ ft² Compliance verified (Mixed Occ. Separated _____
Allowable floor area (all stories) Allowable area per floor (A_a) x number of stories (maximum 3)

MEZZANINES (505)

_____	Area Limitation (505.2)	_____	Openness (505.4)
_____	Egress (505.3)	_____	Equipment platforms (505.5)

UNLIMITED AREA BUILDINGS (507)

_____	Un-sprinklered, one story (507.1)	_____	High-hazard use groups (507.6)
_____	Sprinklered, one story (507.2)	_____	Aircraft paint hanger (507.7)
_____	Two story (507.3)	_____	Group E buildings (507.8)
_____	Reduced open space (507.4)	_____	Motion picture theaters (507.9)
_____	Group A-3 buildings (507.5)	_____	

SPECIAL PROVISIONS (508)

_____ Special condition applicable (508.1) _____ Compliance verified

SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY (Chapter 4)

COVERED MALL BUILDINGS 402

_____	Egress (402.4, 402.11)	_____	Smoke control (402.9)
_____	Mall width (402.5)	_____	Kiosk requirements (402.10)
_____	Unlimited area (402.6)	_____	Emergency voice/alarm (402.12, 402.13)
_____	Fire separations (402.7)	_____	Plastic signs (402.14)
_____	Automatic sprinkler system (402.8)	_____	Fire department access (402.15)
_____	Standpipe system (402.8.1)	_____	

HIGH-RISE BUILDINGS (403)

_____	Automatic sprinkler system (403.2)	_____	Elevators (403.9)
_____	Fire-resistance rating reduction (403.3)	_____	Standby power (403.10)
_____	Automatic fire detection (403.5)	_____	Emergency power (403.11)
_____	Emergency voice/alarm systems (403.6)	_____	Stairway doors (403.12)
_____	Fire department communication (403.7)	_____	Smoke proof exit (403.13)
_____	Fire command center (403.8)		

ATRIUMS (404)

_____	Atrium use (404.2)	_____	Standby power (404.6)
_____	Automatic sprinkler system (404.3)	_____	Interior finish (404.7)
_____	Smoke control (404.4)	_____	Travel distance (404.8)
_____	Enclosure (404.5)		

OTHER SPECIAL USE AND OCCUPANCY

_____	Underground structures (405)	_____	Aircraft-related occupancies (412)
_____	Motor vehicle related occupancies (406, 508)	_____	Combustible storage (413)
_____	Group I-2 (407)	_____	Hazardous materials (307.9, 414)
_____	Group I-3 (408)	_____	Groups H-1, H-2, H-3, H-4, and H-5 (415)
_____	Motion picture projection rooms (409)	_____	Application of flammable finishes (416)
_____	Stages and platforms (410)	_____	Drying rooms (417)
_____	Special Amusement buildings (411)	_____	Organic coatings manufacturing (418)

FIRE PROTECTION (Chapters 6, 7, 8, 9)

FIRE-RESISTANCE-RATED CONSTRUCTION (Tables 601 & 602 and Chapter 7)

Note: Entry in ~ indicates required rating in hours. NC indicates noncombustible construction required.

_____ Construction classification (602)

COMBUSTIBILITY (602.2, 602.3, 602.4, 602.5, 603)

_____ Exterior walls
 _____ Interior elements
 _____ Roof

FIRE-RESISTANCE RATINGS AND FIRE TESTS (703)

_____ Ratings/Combustibility (703.2, 703.4)
 _____ Alternate methods (703.3, 718, 720, 721)

BUILDING ELEMENTS (Table 601)

- _____ Structural frame (714)
- _____ Interior bearing walls
- _____ Interior nonbearing walls
- _____ Floor construction (711)
- _____ Roof construction (711)

EXTERIOR WALLS (507, table 602, 704, 706.6)

	North	East	South	West
Fire separation distance	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
Bearing	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
Nonbearing	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

EXTERIOR WALLS (continued)

- _____ Opening protection (704.8, 704.12, 704.14)
- _____ Vertical fire spread protection (704.9, 704.10)
- _____ Parapets (704.11)

FIRE BARRIERS (706)

- _____ Shaft enclosures (706.3.1)
- _____ Exit enclosures (706.3.2, 706.3.3)
- _____ Horizontal exits (706.3.4)
- _____ Incidental use areas (706.3.5)
- _____ Mixed occupancy and fire area separations (706.3.6, 706.3.7)

SHAFTS (707)

- _____ Exceptions (707.2)
- _____ Construction (707.3-707.14)

OTHER FIRE RESISTANT CONSTRUCTION

- | | |
|--|---|
| <input type="checkbox"/> _____ Fire walls (705) | <input type="checkbox"/> _____ Fire resistant joint systems (713) |
| <input type="checkbox"/> _____ Fire partitions (708) | <input type="checkbox"/> _____ Opening protectives (715) |
| <input type="checkbox"/> _____ Smoke barriers (709) | <input type="checkbox"/> _____ Dampers (716) |
| _____ Smoke partitions (710) | <input type="checkbox"/> _____ Concealed spaces (717) |
| _____ Penetrations (712) | <input type="checkbox"/> _____ Thermal and sound-insulating materials (719) |

INTERIOR FINISHES (Chapter 8)

- | | |
|----------------------------------|----------------------------------|
| _____ Smoke development (803.1) | _____ Floor finish (804) |
| _____ Flame spread (803.1) | _____ Decorations and trim (805) |
| _____ Non-textile finish (803.2) | |

FIRE PROTECTION (Chapter 9)

- | | |
|---|---|
| _____ AUTOMATIC SPRINKLER SYSTEMS (903) (Where required) | _____ Additional required systems (Table 903.2.13) |
| _____ Assembly (A-1, A-2, A-3, A-4, A-5) (903.2.1) | _____ International Fire Code (IFC 903.2.13) |
| _____ Educational (E) (903.2.2) | _____ AUTOMATIC SPRINKLER SYSTEMS* (903) (Design) |
| _____ Factory/Industrial (F-1) (903.2.3) | _____ Shop drawings (106.1.1.1) |
| _____ High-hazard (H-1, H-2, H-3, H-4, H-5) (903.2.4) | _____ NFPA 13 system (903.3.1.1) |
| _____ Institutional (I-1, I-2, I-3, I-4) (407.5, 903.2.5) | _____ NFPA 13R system (903.3.1.2) |
| _____ Mercantile (M) (903.2.9) | _____ NFPA 13D system (903.3.1.3) |
| _____ Residential (R) (903.2.7) | _____ Quick-response and residential heads (903.3.2) |
| _____ Storage/Repair garage (s-1) (903.2.8) | _____ Actuation (903.3.4) |
| _____ Parking garages 9903.2.10.1) | _____ Water supply (903.3.5) |
| _____ Rubbish and linen chutes (903.2.10.2) | _____ Hose connections (903.3.6, 903.3.7) |
| _____ Buildings over 55 ft high (903.2.10.3) | _____ Sprinkler monitoring and alarms (903.4, 907.13) |
| _____ Incidental use areas (302.1.1) | |

* Also see Fire Code Sprinkler Plan Review Record

ALTERNATE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS (904)

- _____ Installation (904.3)
- _____ Wet-chemical systems (904.5)
- _____ Dry-chemical systems (904.6)
- _____ Foam systems (904.7)
- _____ Carbon dioxide systems (904.8)
- _____ Halon systems (904.9)
- _____ Clean-agent systems (904.10)
- _____ Commercial cooking systems (904.2.1, 904.11)

STANDPIPE SYSTEMS (905)

- _____ Installation standards (905.2)
- _____ Building height (905.3.1)
- _____ Group A (905.3.2)
- _____ Covered malls (905.3.3)
- _____ Stages (905.3.4)
- _____ Underground buildings (905.3.5)
- _____ Helistops/heliports (905.3.6)
- _____ Hose connections and locations (905.1, 905.4, 905.5, 905.6)
- _____ Cabinets (905.7)
- _____ Dry standpipes (905.8)
- _____ Valve supervision (905.9)

PORTABLE FIRE EXTINGUISHERS (906)

- _____ Required locations – IFC (906.1)

FIRE ALARM AND DETECTION SYSTEMS (907) (Where required)

- _____ Construction documents (907.1.1)
- _____ Assembly (A-1, A-2, A-3, A-4, A-5) (907.2.1)
- _____ Business (B) (907.2.2)
- _____ Educational (E) (907.2.3)
- _____ Factory (F-1, F-2) (907.2.4)
- _____ High-hazard (H-1, H-2, H-3, H-4, H-5) (907.2.5)
- _____ Institutional (I-1, I-2, I-3, I-4) (907.2.6)
- _____ Mercantile (M) (907.2.7)
- _____ Residential (R-1, R-2) (907.2.8, 907.2.9)
- _____ Single/multiple station smoke alarms (907.2.10)
- _____ High rise buildings (907.2.12)
- _____ Atriums (907.2.13)
- _____ Other buildings/areas (907.2.11, 907.2.14 – 907.2.23)

FIRE ALARM AND DETECTION SYSTEMS (907) (Design)

- _____ Residential Smoke alarm power source (907.2.10.2)
- _____ Residential smoke alarm interconnection (907.2.10.3)
- _____ Location/Power supply/Wiring (907.3 – 907.5)
- _____ Activation/Pre-signal/Zones (907.6 – 907.8)
- _____ Alarm notification appliances (907.9)
- _____ Detectors (907.10 – 907.12)
- _____ Monitoring (907.14)

EMERGENCY ALARM SYSTEMS (908)

- _____ Detection system applicable (908.1 – 908.6)

SMOKE CONTROL SYSTEMS (909)

- _____ Where required (402.9, 404.4, 405.5, 408.8, 410.3.7.2, 1019.1.8, 1024.6.2.1)
- _____ Design requirements (909.1 – 909.4)
- _____ Smoke barriers (909.5)
- _____ Pressurization method (909.6)
- _____ Airflow method (909.7)
- _____ Exhaust method (909.8)
- _____ Equipment/Power (909.10, 909.11)
- _____ Detection and control (909.12 – 909.18)
- _____ Smokeproof enclosures (909.20)
- _____ Underground buildings (909.21)

SMOKE AND HEAT VENTS (910)

- _____ Requirements (910.1 – 910.3)
- _____ Mechanical alternative (910.4)

FIRE COMMAND CENTER (911)

- _____ Features (911.1)

MEANS OF EGRESS (continued)
GENERAL MEANS OF EGRESS

Design requirements (1003.2 – 1003.7)	Door landings/Thresholds/Arrangement (1008.1.4 –1008.1.7)
Means of egress illumination (1006)	Door hardware (1008.1.8, 1008.1.9)
Exit signs (1011)	Stairways (1009)
Accessible means of egress (1007)	Handrails (1009.11)
Means of egress doors (1008.1 – 1008.1.2)	Roof access (1009.12)
Special door/Gates/Turnstiles (1008.1.3, 1008.2, 1008.3)	Ramps (1010)
	Guards (1012)

EXIT ACCESS

Door number and arrangement (1013.2, 1014.1, 1014.2)	Egress balconies (1013.5, 1015.3)
Exit access travel distance (1013.3, 1015.1)	Corridors (1016)
Aisles (1013.4)	Air movement in corridors (1016.4)

EXITS/EXIT DISCHARGE

Exits/Exit doors (1017, 1018)	Horizontal exits (1021)
Interior exit stairways (1019)	Exterior exit ramps/stairways (1022)
Exit passageways (1020)	Exit discharge (1023)

OTHER MEANS OF EGRESS

Miscellaneous egress requirements (1014.3 – 1014.6)	Assembly aisle & features (1024.6 – 1024.15)
Bleachers (1024.1.1)	Emergency escape and rescue (1025)
Assembly exits & egress (1024.2 – 1024.5)	

ACCESSIBILITY* (Chapter 11)

Scoping requirements (1103)	Dwelling units and sleeping units (1107)
Accessible route (1104)	Special Occupancies (1108)
Accessible entrances (1105)	Features and facilities (1109)
Parking and passenger loading (1106)	Signage (1110)

*Also see Accessibility Plan Review Record

BUILDING ENVELOPE (Chapters 13*, 14, 15)

*See Energy Conservation Code Plan Review Record

EXTERIOR WALLS (Chapter 14)

_____	Performance requirements (1403)	_____	Sound transmission (1207))
_____	Materials (1404)	_____	Interior space dimensions (1208)

ROOF ASSEMBLIES AND ROOFTOP STRUCTURES (Chapter 15)

_____	Weather protection (1503)	_____	Materials (1506)
_____	Flashing (1503.2, 1507.2.9, 1507.3.9, 1507.5.6, 1057.7.7.6, 1507.8.7, 1507.9.8)	_____	Roof coverings (1507)
_____	Performance requirements (1504)	_____	Roof insulation (1508)
_____	Fire classification (1505)	_____	Rooftop structures (1509)
		_____	Reroofing (1510)

NONSTRUCTURAL MATERIALS (Chapters 24, 25, 26)

GLASS AND GLAZING (Chapter 24)

_____	Sloped glazing and skylights (2405)	_____	Safety glazing (2406, 2407, 2408, 2409)
-------	-------------------------------------	-------	---

GYPSUM BOARD AND PLASTER (Chapter 25)

_____	Gypsum board materials (2506 and Table 2506.2)	_____	Plaster (2507, 2508, 2510 – 2513)
-------	---	-------	-----------------------------------

PLASTIC (Chapter 26))

	FOAM PLASTIC INSULATION (2603)		MISCELLANEOUS PLASTICS
_____	Labeling (2603.2, 2603.5.6)	_____	Interior finish and trim (2604)
_____	Surface burning characteristics (2603.3, 2603.6)	_____	Plastic veneer (2605)
_____	Thermal barrier (2603.4)	_____	Light-transmitting plastics (2606 – 2611)
_____	Exterior walls/Roofs (2603.5, 2603.6)		
_____	Special approval (2603.8)		

BUILDING SERVICES* (Chapters 27, 28, 29, 30)

ELEVATORS AND CONVEYING SYSTEMS (Chapter 30)

Construction standard specified (3001.2)

Hoistway venting (3004)

Hoist way enclosures (302)

Conveying systems (3005)

Opening protectives (3002.1.1)

Machine rooms (3006)

Emergency operations (3003)

*Also see Electrical (Chapter 27), Mechanical (Chapter 28) and Plumbing (Chapter 29) Plan Review Records

SPECIAL DEVICES AND CONDITIONS (Chapters 31, 34)

SPECIAL CONSTRUCTION (Chapter 31)

Membrane structures (3102)

PEDESTRIAN WALKWAYS AND TUNNELS (3104)

Awnings and canopies/Marquees (3105, 3106)

Construction and use (3104.3, 3104.4)

Signs (3107)

Separation (3104.5, 3104.10)

Radio and television towers (3108)

Public way (3104.6)

Swimming pool enclosures (3109)

Egress/Ventilation (3104.7 – 3104.9, 3104.11)

EXISTING STRUCTURES (Chapter 34)

Additions, alterations, repairs (3403)

Accessibility (3409)

Fire escapes (3404)

Compliance alternatives (3410)

Change of occupancy (3406)

Fire classification (1505)

**EXISTING STRUCTURES
BUILDING EVALUATION SUMMARY (TABLE 3410.7)**

Existing occupancy _____	Proposed occupancy _____
Year building was constructed _____	Number of stories _____ Height in feet _____
Type of construction _____	Area per floor _____
Percentage of frontage _____ %	Corridor wall rating _____
Completely suppressed: <input type="checkbox"/> Yes <input type="checkbox"/> No	Required door closures <input type="checkbox"/> Yes <input type="checkbox"/> No
Compartmentation: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Fire resistance rating of vertical opening enclosures _____	
Type of HVAC system _____	, serving number of floors _____
Automatic fire detection: <input type="checkbox"/> Yes <input type="checkbox"/> No	, type and location _____
Fire alarm system: <input type="checkbox"/> Yes <input type="checkbox"/> No	, type _____
Smoke control: <input type="checkbox"/> Yes <input type="checkbox"/> No	, type _____
Adequate exit routes: <input type="checkbox"/> Yes <input type="checkbox"/> No	Dead Ends: <input type="checkbox"/> Yes <input type="checkbox"/> No
Maximum exit access travel distance _____	Elevator controls: <input type="checkbox"/> Yes <input type="checkbox"/> No
Means of egress emergency lighting: <input type="checkbox"/> Yes <input type="checkbox"/> No	Mixed occupancies: <input type="checkbox"/> Yes <input type="checkbox"/> No

Safety Parameters	Fire Safety (FS)	Means of egress (ME)	General Safety (GS)
3410.6.1 Building height			
3410.6.2 Building area			
3410.6.3 Compartmentation			
3410.6.4 Tenant and dwelling unit separation			
3410.6.5 Corridor walls			
3410.6.6 Vertical openings			
3410.6.7 HVAC systems			
3410.6.8 Automatic fire detection			
3410.6.9 Fire alarm system			
3410.6.10 Smoke control	****		
3410.6.11 Means of egress	****		
3410.6.12 Dead ends	****		
3410.6.13 Max. exit access travel distance	****		
3410.6.14 Elevator control			
3410.6.15 Means of egress emergency lighting	****		
3410.6.16 Mixed occupancies		****	
3410.6.17 Automatic sprinklers		÷2=	
3410.6.18 Incidental use area protection			
Building score – total value			

**** No applicable value to be inserted.

BUILDING SAFETY EVALUATION SCORE (Table 3410.9)

Formula	Table 3410.7	Table 3410.8	Score	Pass	Fail
FS - MFS ≥ 0	_____ (FS)	- _____ (MFS)	= _____	<input type="checkbox"/>	<input type="checkbox"/>
ME - MME ≥ 0	_____ (ME)	- _____ (MME)	= _____	<input type="checkbox"/>	<input type="checkbox"/>
GS - MGS ≥ 0	_____ (GS)	- _____ (MGS)	= _____	<input type="checkbox"/>	<input type="checkbox"/>

FS = Fire Safety

ME = Means of Egress

GS = General Safety

MFS = Mandatory Fire Safety

MME = Mandatory Means of Egress

MGS = Mandatory General Safety

APPENDICES A – J

_____ Appendices adopted (101.2.1)

_____ Compliance verified