



WINDSOR FIRE PROTECTION DISTRICT

GENERAL PLAN REVIEW—DOCUMENT REQUIREMENTS



TITLE SHEET

- Description and scope of project
- Applicable building and fire codes
- Note any deferred approval for fire alarm, sprinkler, or other systems

BUILDING CODE ANALYSIS (for each building)

- Type of occupancy, type of construction, and total allowable square footage
- Allowable area increase calculations (if used)
- Note any alternate means of protection/construction with documentation on plan.

SITE PLAN SHEET(S)

- A plan of the entire site, with all buildings at an appropriate scale
- Indicate the area of work if for remodels or alterations/additions.
- Note all buildings' names and/or designations for all buildings.
- Show any and all property lines, assumed property lines, dedicated sideyards.
- Show all access roads, fire department connections, fences, gates, and safe dispersal areas.
- Show the location of any existing and/or new fire hydrants and note available fire flow.
- Identify fire department access.

LIFE SAFETY & EXITING PLAN

- Complete floor plan of each floor indicating the exiting path from each room and area with calculated occupant loads and travel distances, as required by code. Exiting paths should be shown all the way to the public way.

FLOOR PLAN SHEET(S)

- Label all rooms as to their use within space on floor plan; show all door swings and all partition walls.
- Separately identify all corridor walls, occupancy separations, area separations, and smoke barriers.
- Show section through rated corridor indicating how one-hour protection is maintained for each condition.
- Provide appropriate references to rated construction and/or conditions. Where rated-conditions exemptions may be allowed, provide note with appropriate code section.
- Identify kitchen hoods as Type I or Type II.
- Show location of all fire extinguishers by type and size (may be shown on exiting plan).
- For new construction, provide a room capacity sign if occupant load is over 50; place at or near the main exit door from the room (Title 19, Section 3.30).



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ROOF PLAN SHEET(S)

- Note the roof classification in accordance with CBC Chapter 15, with listed assembly numbers.
- Note slope of roof(s).
- Note all draft stops, if required.

CEILING PLAN SHEET(S)

- Type of ceiling provided.
- Reference to appropriate detail for rated ceilings.
- Location of all light fixtures in ceilings
- Location of all required exit signs, whether illuminated or self-luminous. Show location of all floor-level exit signs for interior-rated corridors for A, E, I, and R-1 occupancies (see your allowable exceptions).

DOOR SCHEDULE(S)

- Door identification
- Required rating of door and frame
- Required panic hardware noted
- Door size
- Hardware group

DETAILS

- Details for all rated conditions, appropriately referenced with an assembly/design number or identification for specific rated condition. Sample of conditions as follows:
 - o Corridor partitions
 - o Occupancy separation walls, interior and exterior conditions
 - o Area separation walls, interior and exterior conditions
 - o Floor/ceiling and/or roof/ceiling
 - o Electrical panels and fire extinguishers within rated walls
 - o Rated access panels and hatches
 - o Shaft wall construction for stairs, elevators, Type I hoods, duct chases
 - o Show all fire blocking for wood construction.
 - o Show membrane protection of structural frame.

MECHANICAL DRAWING(S)

- Schedule of all HVAC equipment with CFM noted and an air balancing schedule
- HVAC units with CFMs in excess of 2,000 are noted "To be provided with automatic shutdown per CMC 608," or appropriate exception is to be noted.
- For HVAC units with automatic shutdown, provide control diagram showing location of smoke detector.



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- Mechanical floor plan indicating location of any occupancy, area separations, or corridor walls and noting the location of required fire, smoke, or fire/smoke dampers.

PLUMBING DRAWING(S)

- Floor plan showing all gas piping and any hazardous (acid) waste piping
- Shut-off for gas piping noted. Each building to have separate shut-off.
- Through-penetration detail(s), if rated construction is involved. (If rated details are provided on architectural drawings, provide reference to those details.)
- Sprinklers may be a deferred-approval item.

ELECTRICAL DRAWING(S)

- Floor plan showing emergency lighting and exit signs (if not on ceiling plan)
- Through-penetration detail(s), if rated construction is involved. (If rated details are provided on architectural drawings, provide reference to those details.)
- Complete fire alarm submittal drawings (see Fire Alarm Submittal checklist) or note that fire alarm system is a deferred approval.