

EXHIBIT A-3

GENERAL PERMITS & PLAN REQUIREMENTS

1. Separate Underground Fire Line, Fire Sprinkler, and Fire Alarm permits are required through PRFES, unless otherwise determined during inspection.
2. Civil plans for underground fire lines are for reference only and shall be clearly marked as such on each civil page.
 - A PRFES Underground Fire Line Permit, reviewed by the Fire Protection Engineer, serves as the primary construction document.
3. Combustible Materials During Construction CFC §3313.2
 - When combustible materials are delivered to the site, a minimum fire flow of 500 GPM shall be available from a hydrant within 500 feet (measured along an approved access route).

ADDRESSING & IDENTIFICATION

4. Address size, location, and color contrast require PRFD approval.
 - Minimum 6-inch high numerals with contrasting color.
5. PRMC 17.04.030 / CFC §505.1.1 – Address Identification
 - Where five or more units are served by an alley or interior driveway, an approved directory/annunciator board shall be provided at each entrance.
 - Property owner, HOA, or responsible party shall maintain the directory.
 - This may be triggered by the villas identified as group #17 on the conceptual drawing.

FIRE DEPARTMENT CONNECTIONS (FDC's)

6. CFC §903.3.7 / PRMC 17.04.030
 - FDC's shall be located on the addressed side of the building (buildings 5000sqft and above) and within 150 feet of a fire hydrant.
 - Final location subject to Fire Marshal approval during underground and sprinkler plan review.
7. CFC §912.4
 - Maintain a minimum 3-foot clear space around all FDCs.

FIRE SERVICE MAINS & HYDRANTS

8. NFPA 24 §6.6.1.3, as adopted by CFC §903.3.1.1 – Sectional Valving
 - Sectional control valves shall be located so that no more than five fire appurtenances are affected by shut-down of any single portion of the fire service main. Each fire hydrant, fire sprinkler system riser and standpipe riser shall be considered a separate fire appurtenance. Sectional Control valves

EXHIBIT A-3

shall be the above ground Post Indicator valve, not sub-grade valves. These valves shall be labeled to what areas they control.

9. Hydrant spacing

- Maximum 400 feet, staggered where required.
- From the conceptual drawing, it appears that at least two on-site hydrants will either need to be relocated, or the distancing to the buildings serviced recalculated to ensure that CFC 503.1.1 is adhered to for the 150' hose pulls to all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.
- This project will require an additional hydrant added to Dallons Drive, as they are currently spaced at over 1200' and 1700' respectively. Maximum distance is 400' spaced alternating sides of street on surface streets serving lots, keeping a 50' minimum hydrant clearance from roundabout entrances and exits. Due to the nature of this development and the college across the street, each with private hydrants on site, a variance can be given to add a single hydrant on Dallons at the entrance of the project between buildings #5 & #7.

10. Fire flow verification

- Fire flow and hydrant spacing shall meet Appendix B Table B105.1(2) and Appendix C Table C102.1, where applicable. This project may require a fire pump to achieve the appropriate pressure and flow to all storied of the buildings. This will be determined by confirming pressures and flows at the site.

11. CFC Appendix D §D103.1 – Hydrant Access Width

- Where a hydrant is located on a fire apparatus access road, provide 26 feet minimum unobstructed width, exclusive of shoulders.
- Applies 20 feet in each linear direction from the hydrant.
- Plans shall clearly identify hydrant locations and compliant road widths.
- From the conceptual drawing, it appears that at least two on-site hydrants will either need to be relocated, or the distancing to the buildings serviced recalculated to ensure that CFC 503.1.1 is adhered to for the 150' hose pulls to all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.

FIRE APPARATUS ACCESS ROADS

12. CFC §503.1.1 - Approved fire apparatus access roads shall extend to within 150 feet of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.

EXHIBIT A-3

13. CFC §501.4 - Fire apparatus access roads and water supply shall be installed and serviceable prior to and during construction unless approved alternatives are provided.
14. CFC Appendix D D103.4 Dead ends. Dead-end fire apparatus access roads in excess of 150 feet shall be provided with width and turnaround provisions in accordance with CFC Appendix D Table D103.4. This may pertain to the entrance for buildings #12, 16, & 17.
15. CFC Appendix D §D102.1 - Access Roads shall have an all-weather surface supporting fire apparatus up to 75,000 lbs. with approved asphalt, concrete, or equivalent surface.
16. Provide detail confirming that the Fire Truck Turning Radii from Drawing M-6 of Paso Robles Standard Details and Specifications is met on turns.
17. CFC §503.2.1 & 503.4 - Minimum 20-foot unobstructed width and 13'-6" vertical clearance.
18. CFC §D105.3 & CFC §D104.1 – For buildings with eaves exceeding 30 feet, three stories, or 124,000 feet (exception):
 - Access roads shall be a minimum 26 feet wide, with 13'-6" vertical clearance.
 - One or more of the required access routes meeting this condition shall be located not less than 15 feet and not greater than 30 feet from the building and shall be positioned parallel to one entire side of the building.
 - The side of the building on which the aerial fire apparatus access road is positioned shall be approved by the Fire Marshal. This may pertain to building #16 based on the conceptual drawing.
 - Shall provide at least two means of fire apparatus access.

FIRE LANES & SIGNAGE

19. CFC Chapter 5 & Appendix D §D103.6 - Fire lanes shall be painted and signed where required.
20. CFC §503.3 & California Vehicle Code §21458 - "NO PARKING – FIRE LANE" signage and curb markings required where minimum access widths cannot otherwise be maintained.

GATE REQUIREMENTS

21. CFC Appendix D §D103.5 and Section §503.6 are the reference to gates, and emergency gate access. **If gates are to be proposed**, Gate Access to meet requirements of CFC Appendix D 103.5 Fire apparatus access road gates.

Gates securing the fire apparatus access roads shall comply with all of the following criteria:

EXHIBIT A-3

1. Where a single gate is provided, the gate width shall be not less than 20'.
Where a fire apparatus road consists of a divided roadway, the gate width shall be not less than 12'.
2. Gates shall be of the horizontal swing, horizontal slide, vertical lift or vertical pivot type.
3. Construction of gates shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.
5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access. Emergency opening devices shall be approved by the fire code official.
6. Methods of locking shall be submitted for approval by the Fire Marshal.
7. Electric gate operators, where provided, shall be listed in accordance with UL 325.
8. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirement of ASTM F2200.

LIFE SAFETY & SYSTEM REQUIREMENTS (PROJECT-DEPENDENT)

22. CFC §905.3.1 - Standpipes

- Class I standpipes required in exit stairways for buildings ≥ 3 stories.

23. Fire Alarm Systems (CFC §907)

- Buildings with > 11 units require monitored fire alarm with occupant notification.

OTHER FIRE PROTECTION REQUIREMENTS

24. CFC §506.1 - Knox Box access is required on the addressed/front side of the structure.

25. CFC §906 - Fire extinguisher locations shall be verified and approved by PRFES prior to installation.

26. CFC §304.3.3 - Trash Enclosures

- Maintain 10-foot minimum clearance from structures unless sprinkler protected.

27. Final Fire Inspection is required prior to occupancy.

28. Comments and information provided to assist in understanding the codes but is not meant to be all-inclusive of requirements. Additional requirements will be reviewed when applying for building permits, as project specifics may change.