

July 1, 2010	SANTA ROSA FIRE DEPARTMENT FIRE PREVENTION BUREAU PLAN REVIEW CHECKLIST
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Address:		Permit #:
Inspector:	Date:	Status:
Inspector:	Date:	Status:
A-Approved; AC-Approved w/comments; I-Incomplete; D-Denied		

This Checklist outlines general requirements. Information contained herein applies to typical instances and may not address all circumstances.

GENERAL REQUIREMENTS

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|----|--------------------------|--------------------------|--|
| | Y | N | |
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | Review submitted plans for existing Fire Lanes. Fire Lanes shall be contained wholly on the same site as the structures for which they provide access, or reciprocal access easements shall be provided. |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | Review submitted plans for existing private Fire Mains. Required hydrants and private fire mains shall be contained wholly on a single site, or the water system shall be public. |

WATER SUPPLY – SRCC 18-44.508.1.

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|----|--------------------------|--------------------------|---|
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.508.4. Verify fire flow availability, review the hydraulic calculations |
| 4. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.B105.1. One & two family dwellings minimum of 1500 gpm unless if located in the WUI where 2500 gpm minimum is required. If dwelling is over 3,600 ft ² , see the code section. |
| 5. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.B105.2. Uncalculated multi-family and commercial minimum is 2500 gpm whether located in or out of WUI. A 50% fire sprinkler credit may apply by exception. |

FIRE HYDRANTS – SRCC 18-44.508.5. Fire hydrants shall be spaced along City streets at 500 Feet in residential areas and 300 feet in commercial areas.

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|----|--------------------------|--------------------------|---|
| 6. | <input type="checkbox"/> | <input type="checkbox"/> | City Water Standard 857. Hydrant style: One & two dwellings can utilize the residential hydrant. Multi family residential and commercial must install the commercial (double steamer) hydrant. |
| 7. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.C105.1.f. Special note, 300 foot spacing for One & Two Family within the WUI. |
| 8. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.C105.1.c. If a divided street, hydrants are required along both sides of the street and also staggered. |
| 9. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.508.5.1. Where flag lots are present and homes are set back from the street, a fire hydrant must be located within 150 feet of all points of the first story as measured by an unobstructed route or an on-site fire hydrant is required. |

Plan Review Checklist
Lot Line Adjustment-R1

- | | Y | N | |
|-----|--------------------------|--------------------------|---|
| 10. | <input type="checkbox"/> | <input type="checkbox"/> | City Water Standard 857. Public hydrants are required to be painted white per city standards |
| 11. | <input type="checkbox"/> | <input type="checkbox"/> | City Water Standard 857. Caps and top of hydrant are painted to indicate flow capability |
| 12. | <input type="checkbox"/> | <input type="checkbox"/> | City Water Standard 857. Blue hydrant marker to be installed in the roadway, ensure this is noted |

ACCESS – SRCC 18-44.503

Apparatus access. Check:

- | | | | |
|-----|--------------------------|--------------------------|---|
| 13. | <input type="checkbox"/> | <input type="checkbox"/> | Width |
| 14. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.1. Minimum 20 feet of width |
| 15. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D105.2. Buildings exceeding 30 feet shall have a 26 foot width for aerial apparatus |
| 16. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D105.3. Aerial access – one road a minimum of 15 feet from and a maximum of 30 feet from the building |
| 17. | <input type="checkbox"/> | <input type="checkbox"/> | City Design Standards. Length – maximum depth of 150' unless a cul-de-sac then the maximum is 500 foot |
| 18. | <input type="checkbox"/> | <input type="checkbox"/> | Two separate access roads required for: |
| 19. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D104.1. Buildings three stories or 30 feet in height |
| 20. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D104.2. Buildings exceeding 62,000 ft ² in area |
| 21. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D106.1. Projects with more than 50 dwelling units |
| 22. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.3. Surface – asphalt paved |
| 23. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D103.3. Turning radius – inside 20 foot, outside 40 foot (check driveways) |
| 24. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.1. Vertical obstructions – clear area of 13 foot 6 inches |
| 25. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D103.4. Turnarounds |
| 26. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D103.4. Required when dead in is >150 foot |
| 27. | <input type="checkbox"/> | <input type="checkbox"/> | Street Design Standard 203-F may apply if 4 or less homes |
| 28. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.7. Grade not to exceed 15% nor slope of Street Standard |
| 29. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.1.1. Access to within 150 feet of far side of building envelopes |
| 30. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D103.6. Fire Lane – No Parking signage on all fire lanes |
| 31. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.3. No Parking – Emergency Vehicle Access on EVA barriers |

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- | | Y | N | |
|-----|--------------------------|--------------------------|---|
| 32. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.506.1.1. Knox locks on EVA' |
| 33. | <input type="checkbox"/> | <input type="checkbox"/> | City Standard Conditions. Opticom controlled access on gates/barriers if serving 5 or more SFD's |
| 34. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.6. Curb cuts accommodate fire apparatus, especially for EVA transitions. |
| 35. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.6. Bridges indicate their weight rating |
| 36. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.501.4. Note that no combustible construction may start until approved access roads and water supply are installed and accepted. |