

SANTA ROSA FIRE DEPARTMENT

FIRE PREVENTION BUREAU PLAN REVIEW CHECKLIST

July 1, 2010



ENCROACHMENT OR CIP PLAN REVIEW

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.

FILE REVIEW

- | | | | |
|----|--------------------------|--------------------------|---|
| | Y | N | |
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | PERMITS PLUS - Access Permits Plus, search by street address or project name to identify previous review activity at the Subdivision, Planning or Engineering level. |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | SUBDIVISION MAP CONDITIONS - Review subdivision specific conditions and history. Are fire sprinklers conditioned? Is there an alternate method request/approval? |
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | WUI – Determine if the project is in the Wildland Urban Interface. If so, check to see if a Hillside Development Plan was reviewed and collect those conditions. |

PLAN REVIEW

WATER SUPPLY – SRCC 18-44.508.1.

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|----|--------------------------|--------------------------|---|
| 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. |
| 6. | <input type="checkbox"/> | <input type="checkbox"/> | City Water Standard XXX The detector check valve shall be properly sized for the project. |

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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|----|--------------------------|--------------------------|--|
| 7. | <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. |
| 8. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.C105.1.f. Special note, 300 foot spacing for One & Two Family within the WUI. |
| 9. | <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. |

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|-----|--------------------------|--------------------------|---|
| 10. | <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. |
| 11. | <input type="checkbox"/> | <input type="checkbox"/> | City Water Standard 857. Public hydrants are required to be painted white per city Standards |
| 12. | <input type="checkbox"/> | <input type="checkbox"/> | City Water Standard 857. Caps and top of hydrant are painted to indicate flow capability |
| 13. | <input type="checkbox"/> | <input type="checkbox"/> | City Water Standard 857. Blue hydrant marker to be installed in the roadway, ensure this is noted |
| 14. | <input type="checkbox"/> | <input type="checkbox"/> | Where a double detector check valve includes a fire department connection a fire hydrant shall be provided within 50 feet. |

ACCESS – SRCC 18-44.503

Apparatus access. Check:

- | | | | |
|-----|--------------------------|--------------------------|---|
| 15. | <input type="checkbox"/> | <input type="checkbox"/> | Width |
| 16. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.1. Minimum 20 feet of width |
| 17. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D105.2. Buildings exceeding 30 feet in height shall have a minimum 26 foot wide access drive for aerial apparatus |
| 18. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D105.3. Aerial access – one access road shall be located a minimum of 15 feet and a maximum of 30 feet from the building |
| 19. | <input type="checkbox"/> | <input type="checkbox"/> | City Design Standards. Roads shall not exceed a maximum depth of 150' unless a cul-de-sac is provided in which case the maximum allowed length is 500 feet. |
| 20. | <input type="checkbox"/> | <input type="checkbox"/> | Two separate access roads required for: |
| 21. | <input type="checkbox"/> | <input type="checkbox"/> | 8.44.D104.1. Buildings three stories or 30 feet in height |
| 22. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D104.2. Buildings exceeding 62,000 ft ² in area |
| 23. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D106.1. Projects with more than 50 dwelling units |
| 24. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.3. Surface shall be asphalt paved |
| 25. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D103.3. Turning radius – inside 20 foot, outside 40 foot |
| 26. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.1. Vertical obstructions – clear area of 13 foot 6 inches |
| 27. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D103.4. Turnarounds |
| 28. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D103.4. Required when dead end drive exceeds 150 feet in length. |
| 29. | <input type="checkbox"/> | <input type="checkbox"/> | Street Design Standard 203-F may apply if 4 or less homes |

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- | | Y | N | |
|-----|--------------------------|--------------------------|---|
| 30. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.1.1. Access to within 150 feet of far side of building envelopes |
| 31. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.D103.6. Fire Lane – No Parking signage on all fire lanes |
| 32. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.3. No Parking – Emergency Vehicle Access on EVA barriers |
| 33. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.506.1.1. Knox locks on EVA's |
| 34. | <input type="checkbox"/> | <input type="checkbox"/> | City Standard Conditions. Opticom controlled access on gates/barriers if serving 5 or more SFD's |
| 35. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.6. Curb cuts shall accommodate fire apparatus. |
| 36. | <input type="checkbox"/> | <input type="checkbox"/> | 18.44.503.2.6. Bridges indicate their weight rating |
| 37. | <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. |