



Avalon Fire Rescue District Process and Procedure

Fire Main Plan Review

(Underground)

Plan Review Submittal

1. Submit an online application with attached .pdf copy of signed and sealed plans via our website at [PLAN REVIEW APPLICATION - Avalon Beach Mulat Fire Protection District](#). Mail or drop of one hardcopy set of signed and sealed plans along with the applicable fees listed below to:

Address:

Avalon Fire Rescue
5408 Mulat Rd.
Milton, FL 32583

Plan Review Fees

2. Checks are only accepted for the payment of the fee(s) listed below and each fee is to be paid using a separate check. Fee(s) may be mailed or dropped off at the address listed above. Checks are to be made out to **Avalon Fire Rescue**.

Plan Review Fee: \$100.00

Inspections/Testing

3. Fire main size to be minimum of 6" diameter. Fire mains are to be looped. If "dead-end" cannot be avoided, it shall not exceed 1,000'. When exceeding 300', main shall not be less than 8". When exceeding 600', main shall not be less than 10" (*per county ordinance and local resolution*).
4. Following inspections needed during installation and upon final completion:
 - a. **Fire Main Rough-In** – Piping, joints and thrust blocks must be exposed; all "Mega-Lug" type connection shall be covered with black rust preventer
 - b. **Pressure Test** – 200 psi for 2 hours to be maintained with all joints and thrust blocks exposed. AFRD inspector to be present during pressurization
 - c. **Flush** – 390 gpm minimum for a sufficient time to ensure thorough cleaning
5. All plans and inspections will be reviewed and tested per FFPC 9th edition and NFPA 2024

General

6. Hardcopy of project plans must be picked up by applicant within 30 days upon completion of plan review and must be on site until completion of project

7. If a plan review is approved, a report will be sent to the applicant and to the Santa Rosa County Building Department. If not approved, a report will be sent to the applicant (*all resubmittals will require a new application*).