

PAWTUCKET WATER SUPPLY BOARD

DESIGN CHECK LIST FOR PROJECT REVIEW

Project Name _____

Service Location _____

Prepared By _____ RIPE# _____

INSTRUCTIONS:

PWSB will commence with the review of main extension applications providing the applicant has submitted all documents in accordance with PWSB's requirements and has completed the design check list. Incomplete applications will be returned.

Items are to be initialed by preparer as completed prior to submission. Preparer shall be a Registered Professional Engineer in the State of Rhode Island. All non applicable items to be designated as N/A.

<u>Item # :</u>	Prepared By (Initials)	Date
1. The application conforms with all the Rules and Regulation of the PWSB.	_____	_____
2. Complete water demand requirements (domestic and fire flow) and design calculations are included in design review package. (Two copies of each to be submitted)	_____	_____
3. If applicable, complete thrust block/restraint calculation included in design review package.	_____	_____
4. Drawings and specifications meet all requirements as specified in the PWSB "Design Check List for Project Review" and "Requirements For Detailed Design Plans"; and have been prepared by and stamped by a RI Professional Engineer. The following statement shall be placed on the cover sheet of the drawings along with the Professional Engineer's stamp: "The attached drawing numbers _____ to _____ have been prepared by me or under my direct supervision and have been thoroughly checked by me". _____ Signature with P.E. #	_____	_____
5. All details and proposed materials conform with all applicable PWSB requirements, AWWA and Regulations of the R. I. Department of Health's latest revisions.	_____	_____
6. Location of all water lines have been checked to see if there is any conflict with existing and proposed utilities for this project.	_____	_____
7. Required horizontal and vertical distances between water lines, sewer lines, gas lines, catch basins and any other line or structure that could damage or contaminate the water system are in accordance with the current PWSB Rules and Regulations.	_____	_____

- 8. Fire hydrant locations and spacing meet the requirements of the local jurisdiction fire chief. Letter of approval from fire chief is attached. _____
- 9. Water lines crossing roads, sewer lines, gas lines, culverts, ditches, brooks and all other potential conflicts are shown in the respective profiles and meet the requirements the PWSB and all local, state regulatory agencies, as well as, other utility requirements. _____
- 10. Water main pressure testing and chlorination specification comply with all requirements of AWWA and PWSB. _____
- 11. Copies of any deed restrictions are included and are attached to the plans. Deeds that are required for special conditions as set forth by the PWSB are also included. _____
- 12. All required easements for ownership and maintenance of water lines has been secured and recorded by the applicant, and reviewed and approved by PWSB legal counsel and executed by PWSB. _____
- 13. All proposed service connections shall conform with Section 10. "Cross-Connection Control and Back Flow Prevention" of the current PWSB Rules and Regulations. _____
- 14. The construction drawings shall include the following paragraph's under "General Notes": _____
 - a. The contractor has acquired the appropriate PWSB review and recognizes the proper PWSB installation requirements for main extensions and service installations.
 - b. At construction completion, the contractor shall submit "As-Built" record drawings showing the exact locations of all pipes, valves, services, fittings and appurtenances, referenced to permanent bench marks.