

INSPECTIONS

424 PURPOSE

Inspections of the quality of materials used and methods of installation of the improvements within a subdivision by the Board's Engineer, are required to protect the health and welfare of the future subdivision residents, and of the city.

425 ACCESS

The applicant will provide safe and convenient access to all parts of the subdivision, for the purpose of inspection, to representatives of the Board or other city agencies and Boards.

426 RESPONSIBILITY

The applicant is responsible for requesting inspections at the proper stage in the process of installation of improvements, as provided in Section 428, below. Should an inspection not be performed due to the failure of the applicant to notify the inspector, the applicant will be required to uncover the improvements. No work will be accepted that has been covered before inspection.

427 ENGINEERING DESIGN REVIEW AND FIELD INSPECTIONS

2) Field Inspection Fees

For the purpose of requiring close adherence to all construction specifications, the Planning Board and/or its agent shall conduct regular on-site inspections as outlined in section 428 and Form G. Inspections shall be carried out by agents from the applicable City Departments and may be supplemented by outside consultants where deemed necessary by the Board (see B below)

A. Field Inspection Fee – A fee of one hundred and fifty dollars (\$150.00) for each 100 linear feet of roadway or part thereof, centerline to centerline measurement, shall be charged by the Board, and which shall be tendered by certified check payable to the City of Taunton at the time of submission. This fee shall be utilized for all inspections when this fee is deemed sufficient by the Board to cover all required and necessary inspections and consultants are not being required by the Board. In cases where the Board has deemed consultants to be necessary and this fee insufficient to cover all required and necessary inspections, this fee shall be utilized for review of the consultants reports, consultations with the consultants on issues that arise during construction, spot inspections during construction and the final inspections (including corrections required by any punch list items identified in the final inspections) by the various applicable Departments before the project is deemed complete.

B. Consultants - As provided in MGL ch44, Section 53G, the Board may impose on those applications which, as designated by the Board, require the services of outside consultants for the purpose of inspecting a project during construction and/or implementation for compliance with the required design standards and the Board's decision. The designation by the Board shall be based upon the size, scale or complexity of the project, and/or the city's lack of the necessary expertise and/or resources to perform the necessary inspections and reviews. The design standards shall include all aspects of the roadway, utilities and drainage system construction which includes but is not limited to the types of material(s) utilized, quality of materials and installation, conformance with all applicable laws, rules and regulations and applicable permits and proper functioning of all related infrastructure (see section 428). However, the final inspection necessary for the Planning Board to deem a project complete shall be completed by the applicable City Departments.

1. The initial required deposit and replenishment requirements shall be established by the Planning Board at the time of approval of the definitive subdivision
2. The monies that shall be collected by the Board under this section shall be placed in a separate account. The monies shall only be utilized for expenses that are directly related to the intent of this section and the subject development. All outside consultants retained by the Board for the particular development shall be paid from said account.
3. Once the subdivision has been deemed complete by the Planning Board any excess amount attributed to a particular project including any accrued interest shall be repaid to the applicant, or the applicant's successor in interest. Successor's in interest shall be required to provide documentation establishing such succession in interest
4. Once the Planning Board has selected a consultant, the selection may be appealed in writing to the Municipal Council, provided said appeal is filed with both the Planning Board and the City Clerk within ten (10) business days. Failure to hold a hearing within said two (2) weeks shall constitute an upholding of the Planning Board's selection. In the event of an appeal, the Municipal Council shall hear said appeal within 2 weeks with notification of parties. In considering the appeal there shall only be two (2) possible conditions which shall disqualify an selected consultant;
 - A. Conflict of interest
 - B. Lack of appropriate qualifications

428 INSPECTION SCHEDULE

- 1) The applicant shall submit to the Planning Board within two (2) weeks of the date of approval of the Definitive Plan a proposed construction schedule, outlining proposed times for construction of the items listed in paragraph 2 below.
- 2) Inspections shall be for the purposes listed below. Each item identified below shall be inspected and accepted as correct by the City or its agent before proceeding to the next step in the construction of the project
 - A. The Prepared Site: clearing and grubbing, stump removal, erosion control, material stockpiles and other proper site preparations
 - B. correct installation of detention basins, catch basins and drain lines, water mains, sewer lines & other utilities with open trenches and all other appurtenances
 - C. All required testing and as-built locations of mains and services
 - D. inspection of backfill of trenches including compaction and borrow materials
 - E. Roadway subgrade, roadway gravel, gravel placement, depths, compaction, lines and grades prior to placement of the binder course
 - F. placement of the binder course including proper mix, depth and compaction
 - G. After binder course for the proper raising of castings to binder grade, binder conformance to design grade and functioning drainage
 - H After binder course for correct construction of curbs, sidewalks, and top course pavement
 - I. Cleaning up of the site
 - J. Installation of plantings, loaming and seeding and stabilizations of any areas necessary
 - K. Installation of street signs,
 - L. Installation of bounds

- M. Final inspection of all required improvements and development of a punch list of any outstanding items, and inspections of completed punch list items
- N. Compliance with all relevant laws and regulations

3) The Board or its agent shall indicate on Form "G" (See Appendix B), the date of inspection, and approval of work completed. Such form shall be filed with the Board.

4) The applicant or contractor will notify the Planning Board and/or its agent, in writing, at least ten (10) days in advance of actual commencement of construction, close cooperation and coordination will be required by the said applicant or contractor and the Board or its agent in order to insure that all inspections are performed at the proper time. All subsurface installations must be with inspector's approval prior to be covered, or they may be required to be uncovered for his examination. In addition, the applicant or contractor shall request each inspection outlined in Section 2 above at least two (2) working days before the inspection desired.

5) Certified as built plans in conformance with the actual construction shall be submitted to the supervisor of Engineering by the Developer's registered engineer/surveyor for review, and once deemed acceptable, acceptance

429 PRESSURE AND LEAKAGE TESTS FOR WATER MAINS

1) All new water mains shall be pressure tested in strict accordance with AWWA (American Water Works Association) C-600, Section 4. Pressure and leakage tests will be conducted concurrently. A successful pressure test shall be performed prior to disinfection.

2) All new water mains shall be disinfected in strict accordance with AWWA C-651.

Refer to the Taunton Water Divisions Guide to Materials and Installation for Water Main Construction.

430 Pressure and Infiltration Tests for Sewer Mains/ Vacuum tests for Sewer Manholes

- 1) All new sewer mains must pass a low pressure air test prior to their acceptance and activation
- 2) All new sewer manholes must pass a vacuum test prior to their acceptance and activation
- 3) refer to City of Taunton Sewer Division Standards for design, materials and installation