

**SCHEDULE OF REQUIRED
FINAL INSPECTIONS**

SECTION 15

SCHEDULE OF REQUIRED FINAL INSPECTIONS

A representative of the utility/street contractor must be present for all formal inspections to expose all structures for the City Public Works Department. The following inspections must be completed prior to requesting final acceptance of the utility and street improvements.

1. SANITARY SEWER

A. INSPECTIONS REQUIRED BEFORE SERVICE LINE HOOKUPS.

1...Air testing and lamping shall be performed after all utilities have been installed by Contractor and before base bituminous paving. All tests shall be witnessed by Project Representatives and a representative of City's Public Works Department.

2...Mandrel testing follows item number 1 and a minimum of 30 days after all utilities have been installed.

3...Televising shall be completed upon completion of all utility and base course street construction. Contractor shall provide the City of Lakeville a copy of the televising on a CD-Rom/DVD within 5 working days for review.

4...Complete all MnOPS requirements per Section 9 of City of Lakeville's Specification.

5...Punch list of any required corrective work is given to Developer's Engineer, Developer and Contractor.

6...After completion of punch list items, corrective work is reinspected by Project Representative and representative of City Public Works Department.

B. FINAL ACCEPTANCE INSPECTION.

1...Performed 24 hours minimum after completion of manhole castings and gate valve adjustments and before placing wear course bituminous by Project Representative and representation of City Public Works Department.

2...Punch list of any required corrective work is given to Developer's Engineer, Developer and Contractor.

3...After completion of punch list items, corrective work is reinspected by Project Representative and representative of City Public Works Department.

4...Pave wear course bituminous and complete any corrective work that occurs during paving operations.

C. MAINTENANCE BOND INSPECTIONS.

1...All utilities and street construction shall be inspected by Project Representative and City Public Works Department before maintenance bond expires.

2...Punch list of any corrective work is given to Developer's Engineer, Developer and Contractor.

3...After completion of punch list items, correction work is reinspected by Project Representative and representative of City Public Works Department.

4...Final Acceptance of project.

2. WATERMAIN

A. INSPECTIONS REQUIRED BEFORE SERVICE LINE HOOKUPS.

1...Pressure Test. Performed after all utilities have been installed and before base bituminous paving. All mainline valves to be tested against.

2...Electrical Conductivity Test. Performed on all iron pipe watermains within 7 days of satisfactory completion of the pressure test.

3...Watermain Bacteriologic Quality Test. Performed after base course bituminous paving on the completed watermain after final flushing and before being placed in service.

B. FINAL ACCEPTANCE INSPECTION:

1...Performed 24 hours minimum after completion of manhole castings and gate valve adjustments and before placing wear course bituminous by Project Representative and representation of City Public Works Department.

2...Punch list of any required corrective work is given to Developer's Engineer, Developer and Contractor.

3...After completion of punch list items, corrective work is reinspected by Project Representative and representative of City Public Works Department.

4...Pave wear course bituminous and complete any corrective work that occurs during paving operations.

C. MAINTENANCE BOND INSPECTIONS.

1...All utilities and street construction shall be inspected by Project Representative and City Public Works Department before maintenance bond expires.

2...Punch list of any corrective work is given to Developer's Engineer, Developer and Contractor.

3...After completion of punch list items, correction work is reinspected by Project Representative and representative of City Public Works Department.

4...Final Acceptance of project.

3. STORM SEWER

A. INITIAL INSPECTION AND LAMPING OF STORM SEWER:

1...Sump structures must be cleaned by the Developer (Contractor) any time they become filled with sediments or debris until final acceptance of streets and utilities.

2...All storm sewer must be lamped and inspected prior to placement of bituminous wearcourse.

3...Sumps must be checked and cleaned prior to final inspection.

B. FINAL INSPECTION OF STORM SEWER:

1...Performed after completion of street construction including final grading and restoration of boulevards, ponding areas and drainage swales. Inspection completed with Contractor's representative, project representative and City's Engineering Department.

2...All sumps shall be pumped down and cleaned prior to final inspection and prior to final acceptance.

3...Punch list is given to the Developer's Engineer, Developer and Contractor.

4...Upon notification of completion of the punch list items, the project is reinspected by project representative and representative of City's Engineering Department.

C. MAINTENANCE BOND INSPECTIONS.

1...All utilities and street construction shall be inspected by Project Representative and City Public Works Department before maintenance bond expires.

2...Punch list of any corrective work is given to Developer's Engineer, Developer and Contractor.

3...After completion of punch list items, correction work is reinspected by Project Representative and representative of City Public Works Department.

4...Final Acceptance of project.

4. STREETS

A FINAL MAINTENANCE INSPECTION OF STREETS:

1...Performed after completion of all street construction, final adjustments on all manholes, gate valves and draintile cleanouts, all concrete curb & gutter/concrete walk repair, including final grading and restoration of boulevards, ponding areas and drainage swales, by Project Representative and representative of City Engineering Department.

2...Punch list of any required corrective work is given to Developer's Engineer.

3...After completion of punch list items, corrective work is reinspected by Project Representative and representative of City Engineering Department.

C. MAINTENANCE BOND INSPECTIONS.

1...All utilities and street construction shall be inspected by Project Representative and City Public Works Department before maintenance bond expires.

2...Punch list of any corrective work is given to Developer's Engineer, Developer and Contractor.

3...After completion of punch list items, correction work is reinspected by Project Representative and representative of City Public Works Department.

4...Final Acceptance of project.