

**City of Lancaster
Water and Sewer Plan Checklist**

A. General

- _____ 1. City of Lancaster Application For Approval
- _____ 2. Topographic map identifying drainage basin and project site
- _____ 3. Design Calculations
- _____ 4. Permits
- _____ 5. Three (3) sets of Specifications – Signed and Sealed by Registered PE
- _____ 6. Three (3) sets of Plans Size: 24" x 36" - Signed and Sealed by Registered PE
- _____ 7. Recommended Scale Plan: 1" = 50'
 Profile: 1" = 5' (Vertical)
 1" = 50' (Horizontal)
- _____ 8. Cover Sheet
Name of Project and Phase
Name of Developer
Address
Telephone/Fax Number
Name of Engineer
Address
Telephone/Fax Number
Date of Drawing Revisions
Vicinity Sketch of Project Area
Legend
- _____ 9. Title Blocks
Sheet Title and Stationing
Name of Project
Developers Name and Address
Engineers Name and Address
Plan/Profile Scale
Date of Drawing and Revisions
- _____ 10. North Arrow – All Sheets
- _____ 11. Signature and Seal of Professional Engineer
- _____ 12. Street Layout With Names and R/W Widths
- _____ 13. Lot Layout
- _____ 14. Utility (Water and Sewer) Maintenance Easements - With Widths
- _____ 15. Pavement Width including Curb
- _____ 16. Lot Numbers
- _____ 17. Existing and Proposed Ground Elevations in Profile
- _____ 18. Match Lines

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B. Water Plans Plan View

- _____ 1. Water Line Location with distance from back of curb or edge of pavement
- _____ 2. Size of Water line
- _____ 3. Water Line material
- _____ 4. All Fittings and Appurtenances
- _____ 5. Length of main between Fittings
- _____ 6. Horizontal Separation between sewer and other utilities

Profile View

- _____ 1. Water Line Location with minimum 3' cover unless DIP used
- _____ 2. Size of Water line
- _____ 3. Depth of Water Line
- _____ 4. Label all Utility Crossings with Minimum Clearances

C. Sewer Plans

Plan View

- _____ 1. Manhole with Manhole number and Station
- _____ 2. Sewer Line Location
- _____ 3. Size of sewer line
- _____ 4. Sewer line material
- _____ 5. Grade of sewer line
- _____ 6. Length and bearing of sewer line between manholes
- _____ 7. Horizontal separation between sewer & other utilities
- _____ 8. Force Main size, location, material, and length. Reference location to benchmarks and/or stationary objects as necessary.
- _____ 9. Pump Station location

Profile view

- _____ 1. Manhole with Manhole number and Station
- _____ 2. Sewer Line Location
- _____ 3. Size of sewer line
- _____ 4. Sewer line material
- _____ 5. Grade of sewer line
- _____ 6. Length of sewer line between manholes
- _____ 7. Inverts (In and Out of Manhole) of sewer line
- _____ 8. Rim elevations
- _____ 9. Minimum bury depth shown
- _____ 10. Utility Crossings with separation distances
- _____ 11. Force main size, material, length, and depth
- _____ 12. 100 year flood elevation
- _____ 13. Elevation of vent for sealed and vented manholes
- _____ 14. Label outside drop manholes