

TOWN OF MIDDLETOWN AS-BUILT PLAN CHECKLIST

The following is the minimum information required:

GENERAL:

- ___ Name of Subdivision
- ___ Section of the Subdivision or name of the streets to be considered by this plan
- ___ Name, address, telephone # and fax of Firm preparing drawings
- ___ General Location Map w/ North Arrow, 1"=2000' scale
- ___ Revision Block
- ___ 24"x36" Size Sheet
- ___ Scale (written and graphic)
- ___ Surveyor's/Engineer's statement (with seal and original signature on each sheet) shall verify that As-Built drawings reflect the true conditions in the field.
- ___ "AS-BUILT" shall be labeled on each sheet
- ___ Street names labeled on all streets
- ___ As-Built drawings shall be prepared as revisions to the original Engineering Plan or a mylar copy of the original. As-Built drawings will have the original data lined through and the As-Built data added to the drawing or check marked to indicate item is as designed. The As-Built Plans shall also be provided in electronic form (AutoCAD, pdf or jpg format) on a CD.
- ___ Benchmark location and elevation referenced with location shown graphically on the plan or on the location map if not within the project limits.
- ___ All horizontal distances shall be shown to the nearest foot. All vertical distances shall be shown to the nearest tenth of a foot.
- ___ If the as-built location of an item is more than five (5) feet from the design location, the as-built location must be shown on the plan with a dimension to locate it from the design location.

WATER SYSTEM AS-BUILT:

- ___ Location of valves, services, fire hydrants, flushing hydrants and blowoffs.
- ___ Verify size and type of pipe installed.
- ___ Special detail drawings may be required where installations are not shown on contract drawings for whatever reason or where required for clarity.

SANITARY SEWER SYSTEM AS-BUILT:

- ___ Locate all manholes and cleanouts.
- ___ Horizontal scale same as plan view (1"=40' or match scale of approved plans)
- ___ Vertical scale (1"=4' or match scale of approved plans)
- ___ Verify length, size, type and slope of pipes.
- ___ Elevations shall be given for the top of all manhole covers and for all inverts.
- ___ Manholes shall be identified by inside diameter and types (standard, inside drop, doghouse, etc.)
- ___ Video Inspection of the sanitary sewer mains (manhole to manhole) performed to PACP Certification standards with accompanying reports documenting identified deficiencies.

FORCE MAINS AS-BUILT:

- ___ Locate all valves, manholes, etc.
- ___ Locations of pipe shall be shown at all changes in direction
- ___ Verify size and type of valves, pipes, etc.
- ___ Special detail drawings will be required where installations were not as shown on original drawings or where changed due to field conditions or where required for clarity.

PUMP STATION AS-BUILT:

- ___ Wet well size and location shall be shown.
- ___ Elevations for top, bottom, inverts, adjacent ground and type and size of lines and fittings for all lines entering or leaving the wetwell.
- ___ All schedules which show pump, motor and electrical data shall be amended and shall be submitted with wetwell drawings.
- ___ All improvements within the pump station boundaries shall be located horizontally and vertically to the nearest tenth of a foot (i.e., valve pit, pump-out, water spigot, wetwell, control panel, bends, fittings, etc.).

STORM SEWER SYSTEM AS-BUILT:

- ___ Locate all manholes, catch basins, junction boxes, culverts, headwalls, drainage swales, flared end sections and inlet/outlet protection.
- ___ Verify elevations for all drainage structures (top, invert, bottom, etc.)
- ___ Identify size, type, and slope of all piping.
- ___ Provide spot elevations and cross sectional information, as well as slope, on all ditches, swales, etc.
- ___ Verify dimensions (length and width) as well as D₅₀ stone size and blanket thickness of all rip-rap outlet protection areas.
- ___ Video Inspection of the storm sewer pipes (structure to structure) performed to PACP Certification standards with accompanying reports documenting identified deficiencies.