

## Commercial/Industrial As-Built Drawing Requirements

**Project:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_

**Developer:** \_\_\_\_\_

**Contractor:** \_\_\_\_\_

**Reviewed By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

The following is a list of items that should be shown or supplied for as-built plans to be accepted by the Lakewood Township Municipal Utilities Authority.

No.	Yes	No	NA	General
1				Two as-built plans need to be submitted.
2				As-built plans on 24" x 36" sheets
3				Scale 1" = 30' or approved scale
4				Metes and bounds of site
5				Metes and bounds of all easements within the site with reference to book and page number of the recorded easement.
6				Copies of recorded easements.
7				Location and datum of all benchmarks used on the site. Reference datum to 1988 NAVD.
8				Plans signed and sealed by a licensed engineer or surveyor.
9				Contractors certification stating that he reviewed the plans and that he certifies that the information provided on the plans is accurate.
10				Locations of marker posts for valves or manholes not in pavement.
11				Approximate locations of utilities (i.e. gas, electric, cable, etc.). Note if above or below grade.
12				Access roads. For manholes or valves not in pavement.
13				Detail and cross-section of access road.
14				Carrier pipes with dimensions and details of the end of the pipe.
15				A note as to how as-built information was obtained (i.e. from contractor, site inspection, physical survey).
16				Any deviations of the approved plans to be noted on the as-built plan.
				<b>Water</b>
1				All water lines are to be shown with size and material.
2				Note location of any water lines not having five-foot of cover.
3				Provide a note as to how as built information was obtained, i.e. from contractor, site inspection, physical survey.
4				Locate all gate valves and/or curb stops by triangulation to a permanent structure.
5				Provide enough dimensions to locate the water line(s).

Commercial/Industrial As-Built Drawing Requirements - continued

No.	Yes	No	NA	Water - continued
6				Dimension the distance along the pipeline of all service connections.
7				Show all service lines and indicate size and material.
8				Note on plan the general depth of the water lines.
9				Provide the clearance dimension of all crossings of water with other utilities.
10				Number all gate valves and curb stops.
				<b>Sanitary Sewer</b>
1				Show all sanitary sewer lines on the plan and provide the size, grade and material of the lines.
2				Show distance between manholes, if applicable.
3				Provide rim and invert elevations for all manholes, if applicable.
4				Number all cleanouts.
5				Number manholes, if applicable.
6				Provide triangulations to all cleanouts from a permanent structure.
7				Provide the clearance dimension of all crossings of sanitary sewer with other utilities.
8				Provide length, invert and triangulation of all stubs, if applicable.