



**METROPOLITAN SEWERAGE DISTRICT
“RECORD” OR “AS-BUILT” DRAWING CHECK LIST**

DRAWINGS INDICATE THE ACTUAL FIELD CONDITIONS FOR:

PROJECT NAME: _____ PROJECT #: _____

Gravity Sewer System

1. Plan and Profile View of “As-Built” Sewer Line to include:
 - Type, Length, and Diameter of Pipe
 - Percent of Grade (Pipe Slope)
 - North Arrow and Symbols Legend (Plan View Only)
 - All Utility Crossings (Show pipe material transition points, concrete keys if applicable)
 - Easement Overlay (Plan View Only)
 - Top of manhole elevations (MSL Datum)
 - Manhole in and out invert elevations (MSL Datum)
2. North Carolina State Plane Coordinates (NAD 83) for all manholes.
3. North Carolina State Plane Coordinates (NAD 83) for each cleanout to be maintained by the MSD.
4. MSD manhole number or coordinates of existing tie-in manhole.
5. Show “as-built” service lines from sewer main to first cleanout.
6. Provide a CD or e-mail containing digital comma delimited text (.txt) file to include:
 - Point Number
 - Northing to four decimal places
 - Easting to four decimal places
 - Top Elevation to two decimal places (Manholes Only)
 - Invert Out Elevation to two decimal places (Manholes Only)
 - Description shall be
 - CO for cleanouts (i.e. CO,1, CO,2 ...)
 - MH for new manholes
 - EMH for existing manholes
 - Property address to match the respective service line cleanout for the lot being served
7. Provide a printed table on as-built/record drawing with same information as detailed in item #6 above.
8. Provide one (1) signed, sealed, and dated 24” x 36” paper copy of final as-built or record drawing.
9. All as-built/record drawings must be sealed by a NC Professional Engineer and comply with all NCBELS requirements.

Pump Station Additional Requirements (Please see MSD Pump Station As-built Checklist)

All aforementioned information shall be added to the final as-built/record drawings. Easement Plat may be combined with As-Built/Record Drawings provided document is sealed, signed and dated by both Engineer and Surveyor.

I, _____, am the Engineer for this project and do hereby certify all the above information is submitted to form and is correct.

Engineer’s Signature

Date