



THE DEPTFORD TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY
P.O. BOX 5506, DEPTFORD, NEW JERSEY 08096
TEL: [856] 415-1111 FAX: [856] 415-0199

FORM "D"

FORM "D" Application for title transfer, Public Sewer and/or Water Systems.
APPLICATION FEE: Sewer - \$100.00; Water - \$100.00 {Check should be made payable to the Deptford Township Municipal Utilities Authority}.
REVIEW AND INSPECTION ESCROW: Escrow Fees were presented by applicant at time of submittal of Form C (which was escrowed) in the amount of 5% of the total sewer and/or water construction costs. Upon Authority acceptance of the system, the balance, if any, of the fee after legal and engineering vouchers have been deducted, will be returned to the applicant

APPLICANT

PROJECT NAME: _____

LOCATION: _____

SECTION: _____

SEWER AND WATER PERMIT NUMBER: _____ ISSUED: _____

TOTAL NUMBER OF LOTS IN SECTION: _____ NUMBER COMPLETED: _____

RESOLUTION INDICATING STREETS BEEN ACCEPTED BY THE TOWNSHIP? YES NO

HOW LONG HAS THE SYSTEM BEEN COMPLETED? _____

HAVE THE STREETS RECEIVED FINAL LAYER OF ASPHALT PAVING? YES NO

DOES THE AS-BUILT PLAN FOLLOW THE PLAN SUBMITTED WITH FORM C IN REGARD TO DETAILS AND AREA COVERED? YES NO IF NOT, INDICATE SIGNIFICANT CHANGES:

SUPPORTING DATA REQUIRED:

- (a) Two sets of As-Built plans (electronic CAD files & mylar copies)
- (b) Maintenance Bond (15% of the Construction Cost) guaranteeing satisfactory performance of the system for a period of two years from date of acceptance.
- (c) All necessary documents approved by the Authority that will permit the dedication of all necessary property and easements that are an inherent and necessary part of the complete system.
- (d) Certification by the Applicant's Engineer as to the following:
 - 1). That the As-built plans are as herein described (see attached).
- (e) Proof of payment of all fees.
- (f) PDF copy of as-built plan(s) and easements, as applicable, in original size(s).

DATE PRINT NAME SIGNATURE OF ENGINEER

DATE PRINT NAME SIGNATURE OF APPLICANT

ACTION: Within 45 days after this form has been received at the Authority office, the Authority Engineer will conduct a final inspection. Upon his/her recommendation to accept the systems, the Authority Solicitor will have executed the transfer of the necessary deeds, easements and/or rights-of-way. The applicant will be notified that the Authority accepts the Maintenance Bond as of that date; release him/her from the Performance Bond and agrees to take responsibility for the system.

DO NOT WRITE BELOW THIS LINE – FOR DTMUA USE ONLY

DATE APPLICATION RECEIVED: _____ ESCROW BALANCE: _____
(PRESENTED AT SUBMITTAL OF FORM C)

SIGNATURE OF DTMUA: _____ DATE: _____

ACTION BY AUTHORITY

FINAL INSPECTION BY MUA ENGINEER: _____

RESULTS: _____

RECOMMENDED FOR ACCEPTANCE OF SYSTEMS: _____

LEGAL DOCUMENTS EXECUTED: _____

VOUCHERS PAID: ADMINISTRATION: \$100.00 SEWER PAID: _____ (TO REVENUE FUND)
 ADMINISTRATION: \$100.00 WATER PAID: _____ (TO REVENUE FUND)
 ENGINEERING REVIEW: \$ _____ PAID: _____
 LEGAL FEE: \$ _____ PAID: _____

BALANCE RETURNED TO APPLICANT: \$ _____

As-Built Plans

The applicant shall provide three (3) sets of as-built plans conforming to these “Minimum As-Built Requirements.”

The as-built plan should include both the proposed information (crossed out where it has changed, but remaining legible) and the as-built information shown clearly and underlined

The applicant must also provide a disk or CD in AutoCAD format of the submitted plans. The plans must be submitted on a 24” x 36” sheet and should not generally exceed 30 x 42 inches in size with a scale of 1” = 100’. All text must be drawn clearly, and at a minimum size of 0.07” and a maximum size of 0.10”.

The following information, where applicable, shall each be drawn on its own individual layer:

- Water mains
- Water services/curb stops
- Hydrants/valves/blow-offs/etc.
- Water main text
- Sanitary sewer mains
- Sanitary sewer laterals/clean-outs
- Sanitary sewer manholes
- Sanitary sewer text
- Storm drain pipes
- Storm drain manholes and inlets
- Storm drainage basins and swales
- Storm drain text

The plans must include that portion of the existing systems where the proposed system connects.

The plans must be signed and sealed by a New Jersey licensed land surveyor.

All elevations must be on the 1929 datum (a/k/a NGVD 29, NJGCS, USGCS, and USC & G datum).

As a minimum, the following survey information is required: depicting all proposed facilities and as-built information.

Storm Drainage:

- A. Pipes: Size, material, length, invert elevation, and direction of flow.

- B. Manholes: Rim elevation and invert elevation.
- C. Inlets: Type, grate elevation, and invert elevation.
- D. Headwalls and Flared End Sections: Location and invert elevation.
- E. Swales and Basins: Verify approved design configuration and elevation with contour lines and spot elevations at all breaks in grade. Verify that the design volume is provided for basins.
- F. Under drains: Size, material, length and direction of flow, cleanout locations, and invert elevations.
- G. Location of all easements and location of utility within that easement.
- H. All the above information shall be shown on plan drawing.

Water Mains:

- A. Pipe lengths between bends.
- B. Pipe diameter and pipe material
- C. All bend angles.
- D. The lid and top of nut elevation for all water valves.
- E. All hydrants and valves.
- F. All valve sizes shall be shown and valves and blow-offs shall be located using three (3) tie-down dimensions (i.e., measurement from a permanent object; catch basin, manhole, hydrant, edge of pavement, etc.).
- G. All curb stops for water service. Provide a station from the nearest downstream manhole to each curb stop and provide an offset from the curb to each curb stop. If this cannot be accomplished, then tie down similar to valve location method. Each curb stop shall be clearly identified denoting the townhouse, condominium, house, office, store, etc., that it services.
- H. All concrete cradles and encasements.
- I. Location of all easements and location of utility within that easement. The as-built pipe length between bends.
- J. All the above information shall be shown on a plan drawing.

Sewer Mains:

- A. As-built manhole rim and invert elevations and invert elevation of all pipes penetrating the manhole.
- B. As-built pipe diameter, pipe material, pipe lengths (measured from manhole centerline to manhole centerline), pipe slope, and flow direction arrows.

- C. All cleanouts for sewer laterals. Provide a station from the nearest downstream manhole to each lateral or cleanout. Provide an offset from the main to each cleanout.
- D. Any lateral left for a future connection shall have the pipe cover and three (3) tie-down dimensions taken at the end of the lateral (i.e., measurements from a permanent object; corner of house, catch basin, manhole, hydrant, edge of pavement, etc.).
- E. All as-built concrete encasements and concrete cradles shall be noted.
- F. Location of all easements and location of utility within that easement. Provide a minimum of two (2) tie dimensions from the utility to the easement line. A tie dimension shall be provided for all changes in direction and bens with stationing.
- G. All the above information shall be shown on a plan drawing.
- H. All sewer mains constructed in a new development shall be subject to cleaning, via jetting, and a televised investigation with an inclinometer to be performed by the applicant/developer at no cost to the DTMUA, and witnessed by the Authority engineer.
- I. Approval of the TV investigation is required prior to endorsement of certificate of occupancy.

Force Mains:

- A. Locate the force main using tie dimensions from the face of curb/edge of paving to the force main. A tie dimension shall also be provided for all changes in direction and bends with stations from nearest manhole.
- B. Location of all easements and location of utility within that easement. Provide a minimum of two (2) tie dimensions from the utility to the easement line. A tie dimension shall be provided for all changes in direction and bends with stationing.
- C. The as-built pipe length between bends.
- D. Approximate elevations at each bend and high point.
- E. As-built pipe diameter and pipe material.
- F. Manufacturer's data on air relief valves, gauges, and all valves. Location of all easements and location of utility within that easement. Provide a minimum of two (2) tie dimensions from the utility to the easement line. A tie dimension shall be provided for all changes in direction and bends with stationing.
- G. All non-metallic mains shall be marked with tracing wire and have access ports every 250 feet.
- H. All the above information shall be shown on plan drawing.

Pumping Stations:

- A. As-built plans shall be submitted and should include both the proposed information (crossed out where changed, but remaining legible) and the as-built information shown clearly. Show all valves, curb stops, yard hydrants, underground sewer manholes, wet-well, dry well elevations and water piping, gates, etc. All valves and curb stops must be tied down as described above for water valves.
- B. Ten (10) copies of manufacturer's operation and maintenance information shall be submitted for all installed equipment.
- C. All the above information shall be shown on plan drawing.