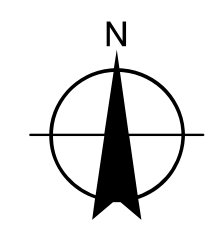


Notes:

1. A main trunk sewer was generally defined to include pipes 18 inches in diameter or larger, pipes conveying wastewater from an Outside User to the Plant, or pipes conveying wastewater from an area of interest.
2. Main trunk sewers are identified that conveyed more than their theoretical full pipe capacity during the model simulation when the peak design flow rate was conveyed to the Plant (60mgd). To reach 60 mgd at the Plant, each sewer was simulated to convey 4 to 5 times more flow than during average dry weather conditions.

1:18,000 (at ARCH D)
 0 0.125 0.25 0.5
 Miles
 Map Projection: Transverse Mercator
 NAD_1983_StatePlane_New_York_Central
 Datum: D_North_American_1983



LEGEND

- Main Trunk Sewers With Simulated Flow Greater Than The Theoretical Full Pipe Capacity (See Note 2)
- Main Trunk Gravity Sewer
- Pump and Lift Stations
- CSOs
- Binghamton-Johnson City Sewage Treatment Plant
- Main Trunk Sewer Force Main
- Municipal Boundaries



**Binghamton-Johnson City
 Joint Sewage Board**
**Main Trunk Sewer Hydraulic Capacity
 Analysis Results**

Job Number 86-14545
 Revision 4
 Date 3/31/11

Figure 7-1

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