LABELLA Associates, P.C.

Engineering
Architecture
Environmental

Midtown Plaza
Building Utility Inventory

Location:

Midtown Plaza
Rochester, New York

Prepared for:

City of Rochester
30 Church Street
Rochester, New York

LaBella Project No. 208149

July 2008

Table of Contents

I. INTRODUCTION

The City of Rochester in partnership with the State of New York intends to acquire, remediate, demolish and redevelop the 8.5 acre site known as Midtown Plaza. The site will be redeveloped as a mixed-use urban space that will include a new corporate headquarters for PAETEC Communications. (PAETEC is a locally based international telecommunications provider.)

Midtown Plaza is located in the center of downtown Rochester with frontage along three major streets including; East Main Street, South Clinton Avenue, and Broad Street. The facility also has access from Chestnut Street, Atlas Street and Euclid Street. Midtown properties consist of 5 main buildings (Seneca Building, B. Foreman Building, McCurdy's Building, Euclid Building and Midtown Tower) connected by a two-level plaza mall. A 1,820 space, 3-level underground parking garage is located beneath the southern half of the Midtown Plaza and Broad Street. In addition, a service truck tunnel is located under Midtown Plaza which provides delivery access to various buildings within Midtown properties. This tunnel extends westward and serves other city buildings including Chase Tower, Hyatt Regency and the Rochester Convention Center. Ingress and egress to the tunnel is from Atlas Street only. For overall site location map, refer to Figure 4 – General Plan in Appendix A.

LaBella Associates P.C. was retained to review the overall utility service entrances and the utility interconnections between buildings. The information is required to develop and implement a demolition Master Plan that allows the necessary utilities to feed each building until it is decommissioned for removal.

This report was developed from the following work tasks:

- Tour of each of the buildings to review utility services
- Meetings with Midtown Facilities personnel
- Review of available utility drawings

The report includes a description of the infrastructure for each utility, sketches showing building service entrances and central equipment and photographs.

II. HVAC

Drawings showing the general configuration of each utility, as well as the locations of major equipment, are included in Appendix A of this report.

a. Steam

- The heating plant for the Midtown Plaza facility is located in a mechanical room located on the main floor near the east end of the building at Atlas and Elm streets. This room houses a 200 horsepower (BHP) steam boiler. The boiler is a Burnham 3-Pass, full wetback, generator with a capacity 6,900 Lb/Hr steam with 8,569 MBH Input. This boiler serves the heating system via a six (6") inch pipe to the building. The continued operation of this system is required until the Euclid Building is out of operation.
- Steam boilers are also located in the McCurdy sub-basement. These boilers provide steam heating to the McCurdy's Building and are connected to the Mid Town Plaza heating loop.

- Steam lines serving the Midtown steam supply system were observed along the former Cortland Street to the east of the Seneca building and Forman's. An active 6" steam line from the system enters the basement mechanical room in the Seneca Building.
- The Euclid Building is not served by the Rochester District Heating System. There is a cross-connection through the McCurdy's basement to the Seneca Building for a backup to the Midtown Plaza heating system. This back-up function was last utilized in 1998. This branch of the RDHC also provides service to Chase Building (Tower). Any heating service is via the Mid-Town Plaza heating system. This cross-connection could be shut down temporarily, but service would need to be re-established.
- Another branch of the RDHC system passes through the south side of the C Level of the Parking Garage. This 12 inch pipe serves the War Memorial and other facilities along Broad Street. This branch must remain in service. Demolition of the Mall, and plans for future use of these spaces, must include continued continuity of the RDHC system in this area.
- The Euclid Building heating system is served by the East Midtown heating loop by means of Heat Exchanger HX-1 located in the Euclid Building Equipment Room. After central systems are shut down, a temporary chiller of approximately 100 Tons may be needed for the Euclid building.

b. Chilled Water

- A chilled water loop serves the entire facility. Chilled water is provided to the loop by chillers in three locations:
  - Four Trane and Carrier centrifugal chillers are located in the third floor mechanical room in the Tower.
  - Three Trane CentraVac centrifugal chillers are located in the basement mechanical room in the Seneca Building. These chillers utilize refrigerant CFC-11. This chiller plant has been inactive for at least two years.
  - Two York centrifugal chillers are located in the sub-basement mechanical room in the McCurdy's building.
- The Midtown Plaza chilled water distribution system consists of a pumped loop from the third floor mechanical room in the tower. The loop serves the Tower, as well as interconnected east and west branches serving occupancies as follows:
  - West: Retail spaces on the first and second floors of the Plaza, as well as those in Forman's, the Seneca Building and McCurdy's spaces.
  - East: Retail and office spaces on the first and second floors of the Plaza, as well as those in the Euclid Building.
  - The East and west branches are connected so that it appears that they could be operated independently.
- The chilled water system is generally shut down for the season in October. The chilled water loop may serve additional areas outside the complex.
- After central systems are shut down, a temporary chiller of approximately 100 Tons may be needed for the Euclid building. A similar approach may me required for the Bus Station.

III. PLUMBING

a. Building Drainage

- Source: Rochester Pure Waters District.

- Building sewers, exiting the various buildings, are reported to be combined sewers, carrying both sewage and storm water.
- Building drains, at the lowest levels of buildings, parking garage and truck tunnel are believed to carry both sewage and storm water. The largest of these runs from south to north, beneath the truck tunnel in the former Cortland Street right-of-way.
- Some separation of sanitary and storm drainage does exist within the various buildings. Vertical conductors for storm water, and stacks for sanitary drainage and venting are believed to be separate.
- Because most, if not all, carry storm water from building roofs, they must be maintained as long as possible.

b. Water for Domestic Use

- Source: City of Rochester domestic system.
- Multiple points of connection (see Figure 5I), with reduced-pressure zone (RPZ) backflow preventers.
- Midtown Tower and the Seneca Building have domestic water pressure booster pumps. City domestic system pressure appears to be adequate for other areas.
- Domestic hot water is produced from heat exchangers, fed by the building steam heating system.
- Limited early demolition of domestic water piping may be possible.

c. Water for Fire Protection

- Source: City of Rochester Holly system.
- Multiple points of connection (see Figure 5I) with single detector check backflow preventers.
- Most, if not all, areas are protected by an automatic sprinkler system.
- Dry sprinkler systems protect unheated underground parking areas, truck tunnel, and aboveground loading docks.
- Standpipes and fire department hose connections are located in unheated underground areas.
- Wet sprinklers and standpipes are located in heated aboveground areas.
- Midtown Tower and the Seneca Building have electric fire pumps. Holly system pressure appears to be acceptable for fire protection in other areas.

d. Natural Gas

- Source: Rochester Gas & Electric.
- Natural gas service is provided at the following locations:
  - Seneca Building from S. Clinton Avenue
  - B. Foreman Building from S. Clinton Avenue
  - Midtown Properties from S. Clinton Avenue
  - Midtown Properties from Atlas Street
  - McCurdy's Building from Euclid Street
- Since the primary use of natural gas is fuel for heating boilers, the service(s) must be maintained as long as heat is required in the buildings to prevent freezing.

e. Fuel Oil

- Source: Onsite fuel storage, owned by Midtown Properties.
- One (1) 6,000 gallon aboveground fuel oil storage tank is known to be located at the loading dock near the corner of Atlas and Elm Streets. It provides an alternate fuel source for a steam boiler in the adjacent mechanical room.
- Unused fuel must eventually be removed, and disposed of according to NYSDEC regulations.
- The tank must then be cleaned, removed from the site, and disposed of according to NYSDEC regulations.

IV. ELECTRICAL

a. Power

Electrical services enter the Midtown structure from seven known locations. Power cabling is distributed through the 'A' level of the Midtown Parking Garage and delivery tunnels via a network of exposed cable trays. These trays manage both primary and secondary voltage conductors. Incoming primary circuits enter the Midtown complex from the following locations:

- Main Street west of Euclid Street.
- Atlas Street
- The corner of Chestnut and Broad Street's.
- Broad Street between Chestnut Street and Clinton Avenue South near Xerox Square.
- Clinton Avenue South north of Broad Street.

Since a mixture of cables occupy the existing trays, and numerous renovations have occurred since the initial installation, the individual feeders will need to be traced out to confirm which areas are supported from each utility circuit. The vault locations are indicated graphically on attached sketch EL-1 and as follows:

- Vault 27.03 is indicated on the drawing, but is not accessible for inside the garage or via any of the vehicle tunnels. It appears to be located under the sidewalk along Clinton Avenue South and appears to serve assorted Midtown Plaza retail tenants.
- Vault 27.04 was identified as Node N34 on their network. This appears to serve assorted Midtown Plaza retail tenants.
- Vault 27.05 was identified as Vault 5 on RG&E's primary map and as Node N85 on their network. This appears to serve the Midtown Parking Garage, and is located in a portion of the garage structure that extends under Broad Street.
- Vault 27.08 was identified as Vault 8 on RG&E's primary map and as Node N23 on their network. This appears to serve the Foreman Building.
- Vault 27.09 was identified as Node N24 on their network. This appears to serve assorted Midtown Plaza retail tenants.
- Vault 27.10 was identified as Vault 10 on RG&E's primary map and as Node N6 on their network. This is identified as serving the Mangar Hotel/Annex Building which is now the Seneca Building.
- Vault 27.13 was identified as Node N33 on their network. This appears to serve the Foreman Building.

Primary utility electrical circuits serving Xerox Square and Bausch & Lomb appear to run through Vault 27.05 and will need to be rerouted. RG&E personnel that visited the project area were aware of this issue and had preliminary plans for rerouting circuits to support these customers on their network.

b. Telephone

- Telephone services serving the Midtown plaza and offices enters into the 'A' level of the Midtown Parking Garage. A terminal board is located on a wall in the garage area.
- Additional telephone service cables may enter the construction area. Locations and quantities of cabling will need to be coordinated with Frontier Communications.

c. Fire Alarm

- Fire Alarm services are present in all structures and will need to be maintained while they are occupied. Control panel locations and service area limits will need to be determined in order to understand the impact of this item.
- Alarm conditions on the Fire Alarm system are typically communicated to the monitoring agency via the telephone system. Maintaining connectivity will need to be coordinated.

d. Data

- Several fiber-optic cable bundles owned by Frontier Communications run through the Midtown Complex. Documentation of these services will need to be performed and their disposition coordinated with Frontier.

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix A
Drawings & Sketches

FOUR POINTS SHERATON

MCC DAMON CENTER / SIBLEY OFFICE BUILDINGS

LIBERTY POLE

EAST MAIN ST.

EAST MAIN ST.

HYATT REGENCY

ROCHESTER CONVENTION CENTER

SENECA BLDG.

McCURDY'S BLDG.

SERVICE TUNNEL

EUCLID BLDG.

EAST AVE.

CHASE TOWER

SOUTH AVE. GARAGE

STONE ST.

B. FORMAN BLDG.

SERVICE TUNNEL

EUCLID ST.

ATLAS ST.

SOUTH CLINTON AVE.

MIDTOWN MALL

CHESTNUT ST.

CLINTON SQUARE

MIDTOWN PROPERTIES

ELM ST.

MIDTOWN TOWER

BROAD ST.

PEDESTRIAN TUNNEL

LIBRARY ADDITION

BAUSCH & LOMB

BROAD ST.

SOUTH CLINTON AVE.

COURT STREET GARAGE

XEROX TOWER

HSBC PLAZA

CHESTNUT ST.

COURT STREET

COURT STREET

COURT STREET

LEGEND

- CITY GARAGE AT MIDTOWN
- SERVICE TUNNEL
- UTILITY ROOM / LOADING DOCK
- CITY OWNED (SKYWAY CONNECTION BUILDING)
- GARAGE ENTRANCE / EXIT
- SERVICE TUNNEL ENTRANCE / EXIT (ATLAS STREET)

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LABELLA Associates, P.C.
300 STATE STREET
ROCHESTER, NY 14614
P: (585) 454-6110
F: (585) 454-3066
www.labellapc.com

PROJECT/CLIENT

UTILITY REPORT
FOR
CITY OF ROCHESTER

MIDTOWN REDEVELOPMENT PLAN / SEQR ASSISTANCE
ROCHESTER, NEW YORK

DRAWING TITLE

GENERAL PLAN

SCALE:	1" = 160'
DESIGNED BY:	***
DRAWN BY:	MHB
REVIEWED BY:	KMG
ISSUED FOR:	UTILITY REPORT
DATE:	JULY 14, 2008

PROJECT/DRAWING NUMBER

208149

FIG. 4

PLOTDRVR Civil-XM-HalfLtr.tbl=fg
MODEL Default
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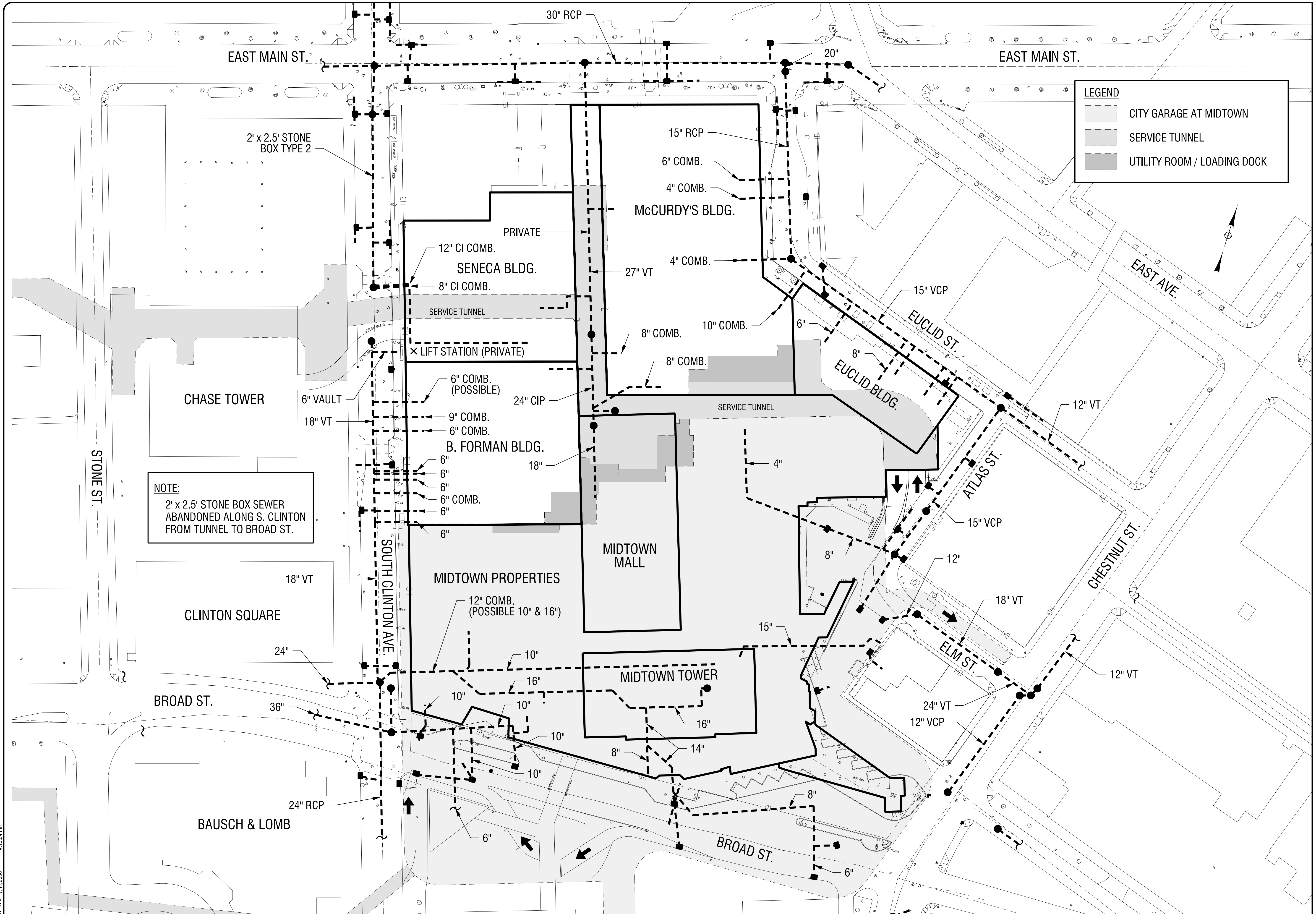
DATE / TIME 7/11/2008 2:50:06 PM



EAST MAIN ST.
30" RCP
20"
EAST MAIN ST.
LEGEND
CITY GARAGE AT MIDTOWN
SERVICE TUNNEL
UTILITY ROOM / LOADING DOCK
2' x 2.5' STONE BOX TYPE 2
15" RCP
6" COMB.
4" COMB.
McCURDY'S BLDG.
PRIVATE
12" CI COMB.
SENECA BLDG.
27" VT
4" COMB.
EAST AVE.
8" CI COMB.
15" VCP
SERVICE TUNNEL
EUCLID ST.
10" COMB.
6"
8" COMB.
LIFT STATION (PRIVATE)
8" COMB.
8"
EUCLID BLDG.
CHASE TOWER
6" VAULT
6" COMB. (POSSIBLE)
24" CIP
SERVICE TUNNEL
12" VT
18" VT
9" COMB.
6" COMB.
B. FORMAN BLDG.
STONE ST.
18"
4"
ATLAS ST.
NOTE:
2' x 2.5' STONE BOX SEWER ABANDONED ALONG S. CLINTON FROM TUNNEL TO BROAD ST.
6"
6"
6"
6" COMB.
6"
6"
15" VCP
CHESTNUT ST.
MIDTOWN MALL
8"
12"
SOUTH CLINTON AVE.
MIDTOWN PROPERTIES
18" VT
18" VT
CLINTON SQUARE
12" COMB. (POSSIBLE 10" & 16")
15"
24"
10"
MIDTOWN TOWER
ELM ST.
12" VT
16"
BROAD ST.
10"
36"
10"
24" VT
16"
12" VCP
10"
8"
14"
10"
24" RCP
8"
BAUSCH & LOMB
6"
BROAD ST.
6"

UTILITY REPORT FOR CITY OF ROCHESTER
MIDTOWN REDEVELOPMENT PLAN / SEQR ASSISTANCE
ROCHESTER, NEW YORK

LABELLA Associates, P.C.
300 STATE STREET
ROCHESTER, NY 14614
P: (585) 454-6110
F: (585) 454-3066
www.labellapc.com
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DRAWING TITLE: ROCHESTER PURE WATERS DISTRICT (COMB. SEWER)

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DATE: JULY 14, 2008
SCALE: 1" = 100'
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DRAWN BY: MHB
REVIEWED BY: KMG

PROJECT/DRAWING NUMBER
208149

FIG. 5A

EAST MAIN ST.

EAST MAIN ST.

McCURDY'S BLDG.

SENECA BLDG.

CONTINUES TO CHASE AND STONE ST.

SERVICE TUNNEL

CHASE TOWER

B. FORMAN BLDG.

SERVICE TUNNEL

EUCLID BLDG.

EAST AVE.

ATLAS ST.

EUCLID ST.

STONE ST.

SOUTH CLINTON AVE.

MIDTOWN MALL

MIDTOWN PROPERTIES

MIDTOWN TOWER

CLINTON SQUARE

BROAD ST.

BAUSCH & LOMB

BROAD ST.

ELM ST.

CHESTNUT ST.

3/4"

4"

4"

8"

12"

HB

SH

LEGEND

- CITY GARAGE AT MIDTOWN
- SERVICE TUNNEL
- UTILITY ROOM / LOADING DOCK

LEVEL C FLOOR SLAB

24" O.D. ABANDONDED

2.5'

3'

12" STEAM W/ 2" INSUL.

SECTION A-A

NOT TO SCALE

KEY NOTES

1. LOCATED UNDER MIDTOWN GARAGE - LEVEL C
2. LOCATED IN SERVICE TUNNEL
3. LOCATED IN McCURDY'S BASEMENT

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UTILITY REPORT
FOR
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MIDTOWN REDEVELOPMENT PLAN / SEQR ASSISTANCE
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DRAWING TITLE

ROCHESTER DISTRICT HEATING CO-OP (STEAM)

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208149

FIG. 5B

PLOTDRVR: Civil-XM-HalfLtr.drv
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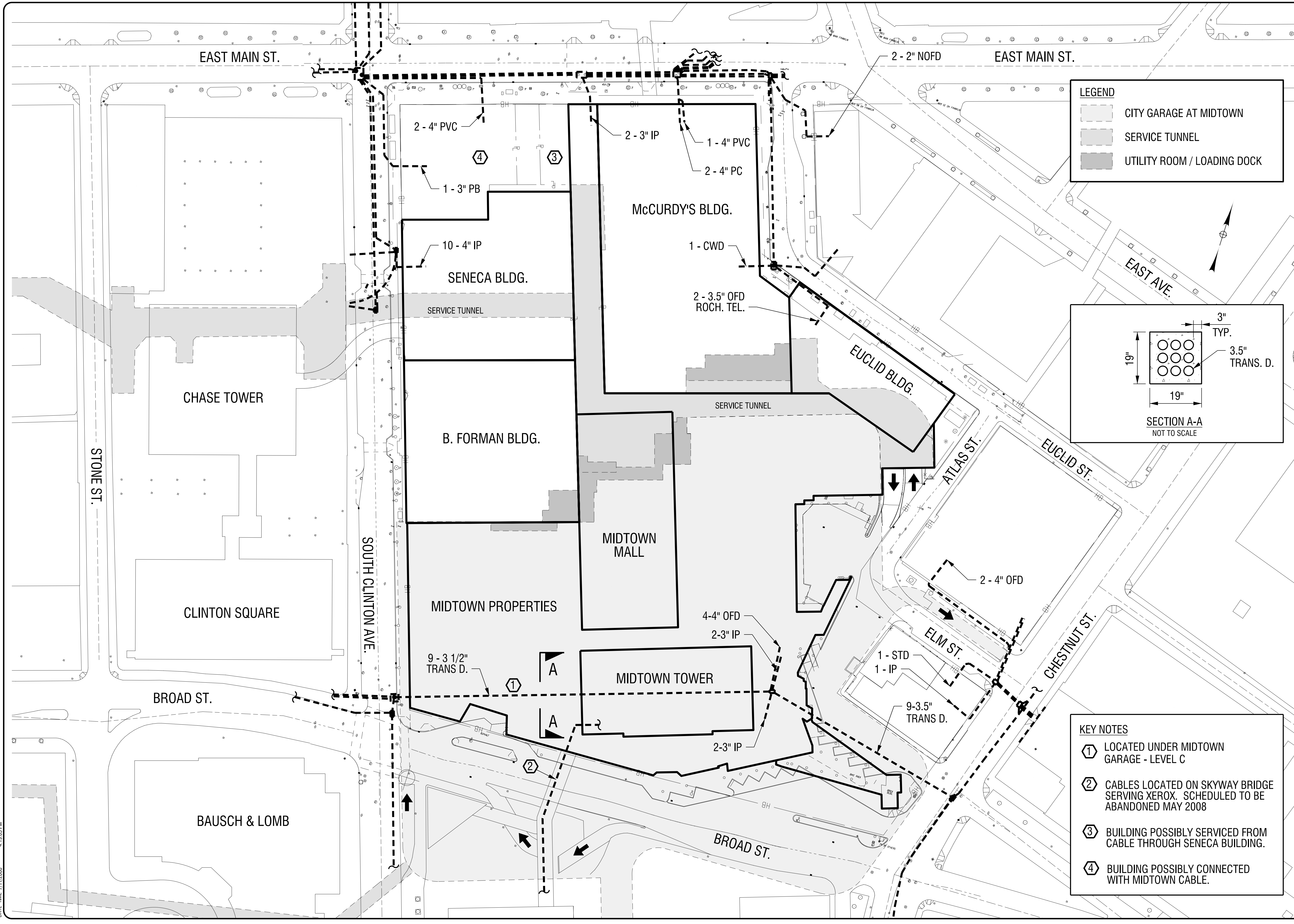
EAST MAIN ST.
EAST MAIN ST.
LEGEND
CITY GARAGE AT MIDTOWN
SERVICE TUNNEL
UTILITY ROOM / LOADING DOCK
2 - 2" NOFD
2 - 4" PVC
2 - 3" IP
1 - 4" PVC
2 - 4" PC
1 - 3" PB
McCURDY'S BLDG.
1 - CWD
10 - 4" IP
SENECA BLDG.
SERVICE TUNNEL
2 - 3.5" OFD
ROCH. TEL.
EAST AVE.
EUCLID BLDG.
SERVICE TUNNEL
CHASE TOWER
B. FORMAN BLDG.
STONE ST.
3"
TYP.
19"
3.5"
TRANS. D.
19"
SECTION A-A
NOT TO SCALE
EUCLID ST.
ATLAS ST.
SOUTH CLINTON AVE.
MIDTOWN MALL
2 - 4" OFD
CLINTON SQUARE
MIDTOWN PROPERTIES
4-4" OFD
2-3" IP
ELM ST.
CHESTNUT ST.
9 - 3 1/2"
TRANS D.
A
MIDTOWN TOWER
1 - STD
1 - IP
BROAD ST.
A
9-3.5"
TRANS D.
2-3" IP
BAUSCH & LOMB
BROAD ST.
KEY NOTES
1 LOCATED UNDER MIDTOWN GARAGE - LEVEL C
2 CABLES LOCATED ON SKYWAY BRIDGE SERVING XEROX. SCHEDULED TO BE ABANDONED MAY 2008
3 BUILDING POSSIBLY SERVICED FROM CABLE THROUGH SENECA BUILDING.
4 BUILDING POSSIBLY CONNECTED WITH MIDTOWN CABLE.

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LABELLA Associates, P.C.
300 STATE STREET
ROCHESTER, NY 14614
P: (585) 454-6110
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UTILITY REPORT
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DRAWING TITLE
FRONTIER COMMUNICATIONS (TELEPHONE)

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FIG. 5C

EAST MAIN ST.

EAST MAIN ST.

BANK
1 2 METERS
1 #249
#259
1 3 METERS

1
3

TRANSFORMER

McCURDY'S SERVICE

#8 + #10
(3 METERS)

10 METERS

McCURDY'S BLDG.

SENECA BLDG.

TRANSFORMER

McCURDY'S SERVICE

SERVICE TUNNEL

1 METER

TRANSFORMER

ROCH. TEL SERVICE

2 METERS

EUCLID BLDG.

CHASE TOWER

SERVICE TUNNEL

PANEL D
5 METERS

B. FORMAN BLDG.

VAULT 4

B. FORMAN SERVICE

PANEL A
6 METERS

SERVICE TO MIDTOWN TOWER

MIDTOWN MALL

2

PANEL C
12 METERS

MIDTOWN PROPERTIES

PANEL E
3 METERS

PANEL B
18 METERS

TRANSFORMER
CITY GARAGE

VAULT 9

MIDTOWN TOWER

CLINTON SQUARE

BROAD ST.

BAUSCH & LOMB

VAULT 5

CITY GARAGE
SERVICES

BROAD ST.

STONE ST.

SOUTH CLINTON AVE.

EAST AVE.

EUCLID ST.

ATLAS ST.

CHESTNUT ST.

ELM ST.

LEGEND

- CITY GARAGE AT MIDTOWN
- SERVICE TUNNEL
- UTILITY ROOM / LOADING DOCK

KEY NOTES

1. STREET LEVEL SERVICES
2. ALL CONDUIT AND DUCT IN MIDTOWN GARAGE NOT SHOWN
3. STREET LEVEL TO MIDTOWN GARAGE ON LEVEL A

NOTE

WITHIN MIDTOWN BLDG AND GARAGE LIMITS, ALL DUCTS, CABLES, VAULTS AND MANHOLES ARE LOCATED ON MIDTOWN GARAGE LEVEL A UNLESS OTHERWISE NOTED.

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DRAWING TITLE
RG & E
(ELECTRIC)

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FIG. 5D

PLOTDRVR Civil-XM-HiRes.drv
MODEL Default
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EAST MAIN ST.

EAST MAIN ST.

SERVICE

SERVICE

SERVICE

SENECA BLDG.

McCURDY'S BLDG.

2" WR ST

6" WR ST
McCURDY'S
SERVICE

SERVICE TUNNEL

4" WR ST (2 METERS)
SENECA BLDG.
SERVICE & GENERATOR

EUCLID BLDG.

SERVICE TUNNEL

CHASE TOWER

3" WRST
(2 METERS)

B. FORMAN BLDG.

3" WR ST
SERVICE

STONE ST.

SOUTH CLINTON AVE.

6" WR ST (3 METERS)
MIDTOWN TOWER
SERVICE & CITY
GARAGE

MIDTOWN
MALL

MIDTOWN PROPERTIES

MIDTOWN TOWER

CLINTON SQUARE

BROAD ST.

8" WR ST

BAUSCH & LOMB

3" WR ST
SERVICE

3" WR ST SERVICE
TO XEROX

BROAD ST.

ATLAS ST.

3" WR ST IN 6" CASING
IN LEVEL A MIDTOWN
GARAGE (2 METERS) (1)

CHESTNUT ST.

EUCLID ST.

EAST AVE.

ELM ST.

2" SERVICE

LEGEND

CITY GARAGE AT MIDTOWN

SERVICE TUNNEL

UTILITY ROOM / LOADING DOCK

KEY NOTE

(1) INCLUDES USPS METER LOCATION

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UTILITY REPORT
FOR
CITY OF ROCHESTER

MIDTOWN REDEVELOPMENT PLAN /
SEQR ASSISTANCE
ROCHESTER, NEW YORK

DRAWING TITLE

RG & E
(GAS)

SCALE:	1" = 100'
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ISSUED FOR:	UTILITY REPORT
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FIG. 5E

PLOTDRVR Civil-XM-Half.drv
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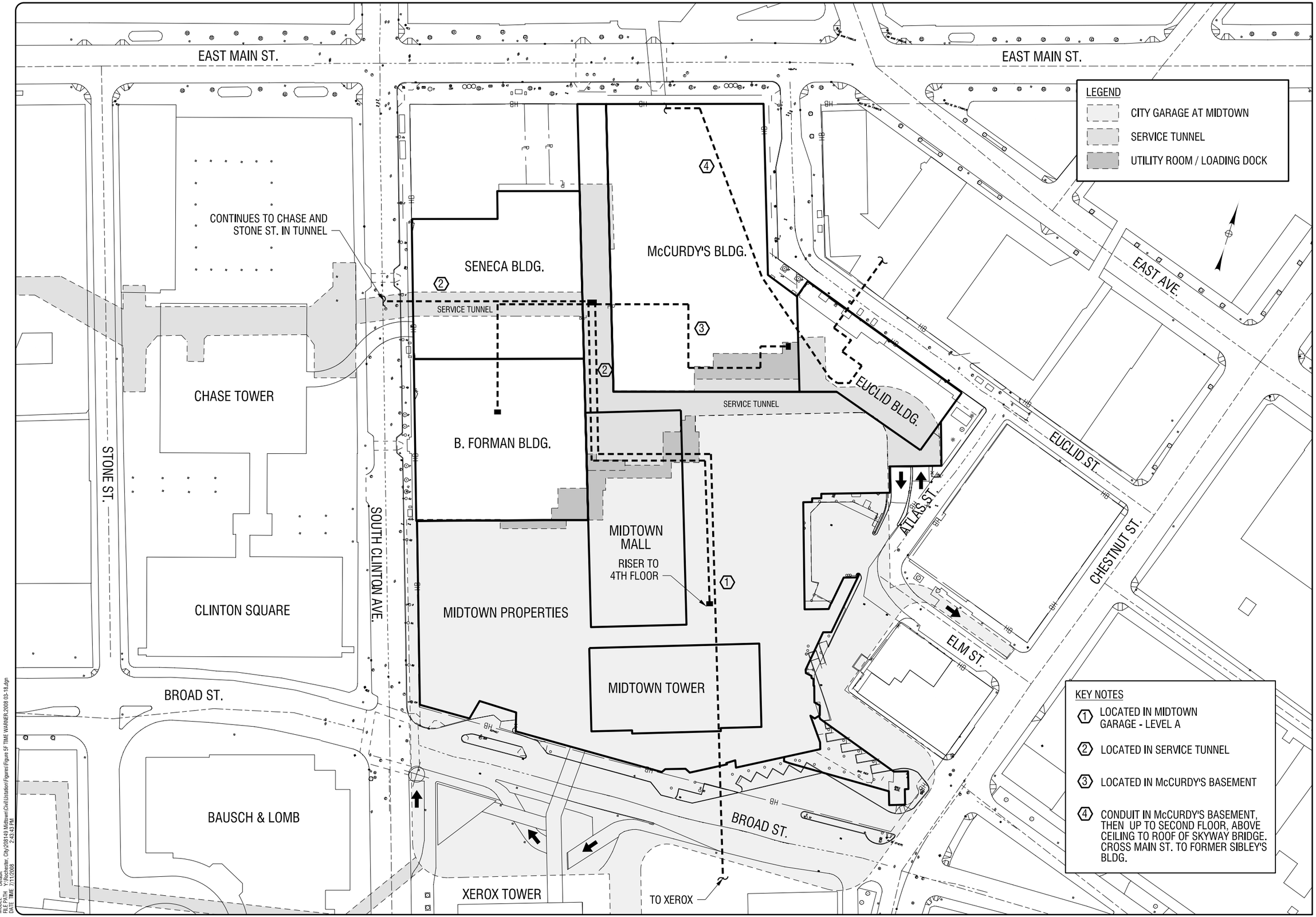

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DRAWING TITLE
TIME WARNER CABLE & VERIZON (CATV/TELEPHONE)

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FIG. 5F

PLOTDRVR Civil-XM-HalfLdlr4g
MODEL Default
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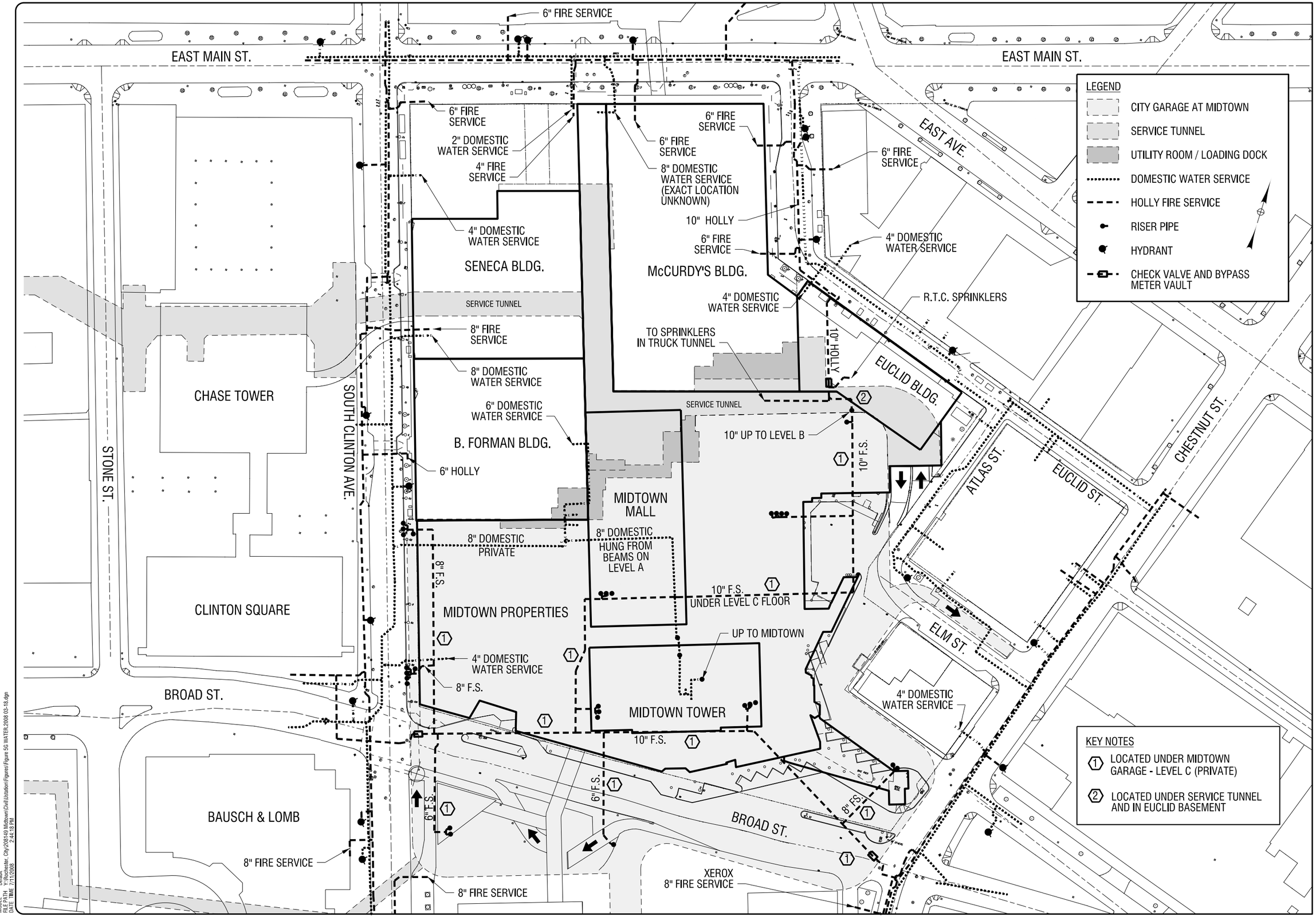
DATE/TIME 7/11/2008 2:43:43 PM



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PROJECT/CLIENT
UTILITY REPORT
FOR
CITY OF ROCHESTER
MIDTOWN REDEVELOPMENT PLAN / SEQR ASSISTANCE
ROCHESTER, NEW YORK

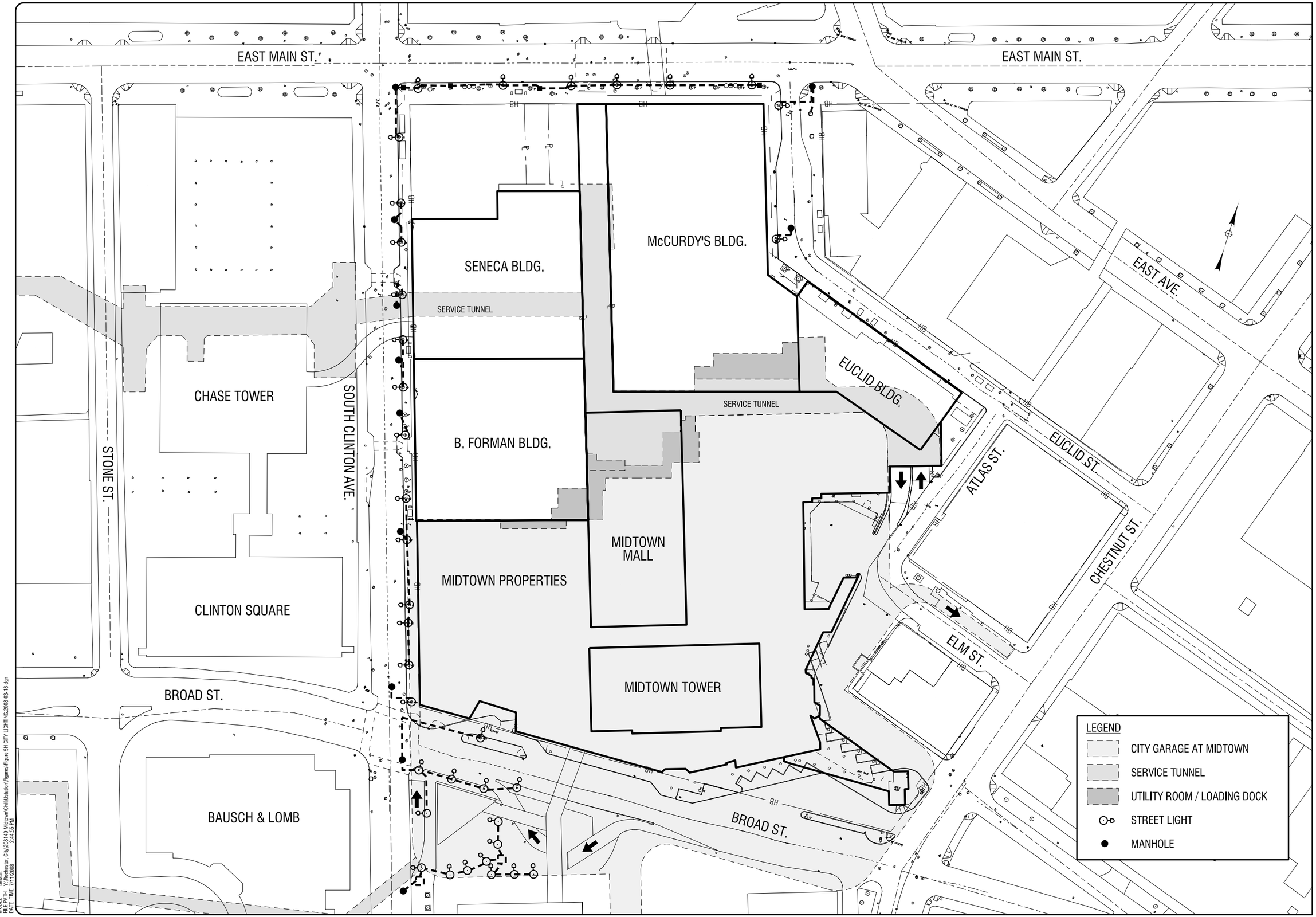
DRAWING TITLE
ROCHESTER WATER BUREAU
(DOMESTIC & HOLLY WATER)

ISSUED FOR: UTILITY REPORT
DATE: JULY 14, 2008
SCALE: 1" = 100'
DESIGNED BY: ---
DRAWN BY: MHB
REVIEWED BY: KMG

PROJECT/DRAWING NUMBER
208149

FIG. 5G

PLOTDRVR Civil-XM-Half-Left.tbl
MODEL Default
FILE PATH Y:\Rochester, City\208149 Midtown\Civil\Illustation\Figures\Figure 5G WATER-2008 03-18.dgn
DATE TIME 7/11/2008 2:44:19 PM



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PROJECT/CLIENT
UTILITY REPORT
FOR
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ROCHESTER, NEW YORK

DRAWING TITLE
CITY LIGHTING (ELECTRIC)

ISSUED FOR: UTILITY REPORT
DATE: JULY 14, 2008
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DRAWN BY: MHB
REVIEWED BY: KMG

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FIG. 5H

PLOTDRVR Civil-XM-HalfLtrBig
MODEL Default
FILE PATH Y:\Rochester, City\208149 Midtown\Civil\Ustation\Figures\Figure 5H CITY LIGHTING 2008 03-18.dgn
DATE TIME 7/11/2008 2:44:45 PM

EAST MAIN ST.

EAST MAIN ST.

SENECA BLDG.

McCURDY'S BLDG.

SERVICE TUNNEL

EUCLID BLDG.

SERVICE TUNNEL

B. FORMAN BLDG.

CHASE TOWER

STONE ST.

SOUTH CLINTON AVE.

MIDTOWN MALL

MIDTOWN PROPERTIES

CLINTON SQUARE

MIDTOWN TOWER

BROAD ST.

BAUSCH & LOMB

BROAD ST.

EAST AVE.

EUCLID ST.

ATLAS ST.

CHESTNUT ST.

ELM ST.

LEGEND

CITY GARAGE AT MIDTOWN

SERVICE TUNNEL

UTILITY ROOM / LOADING DOCK

KEY NOTE

1. TRAFFIC SIGNALS LOCATED IN SERVICE TUNNEL. OWNED BY MIDTOWN AND MAINTAINED BY MCDOT

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PROJECT/CLIENT
UTILITY REPORT
FOR
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MIDTOWN REDEVELOPMENT PLAN / SEQR ASSISTANCE
ROCHESTER, NEW YORK

DRAWING TITLE
MCDOT
(TRAFFIC CONTROL)

ISSUED FOR: UTILITY REPORT
DATE: JULY 14, 2008
SCALE: 1" = 100'
DESIGNED BY: ---
DRAWN BY: MHB
REVIEWED BY: KMG

PROJECT/DRAWING NUMBER
208149

FIG. 5I

PLOTDRVR Civil-XM-Half.pltr.tg
MODEL Default
FILE PATH Y:\Rochester, City\208149 Midtown\Civil\Illustation\Figures\Figure 5I MCDOT 2008 03-18.dgn
DATE / TIME 7/11/2008 2:45:29 PM

EAST MAIN ST.

EAST MAIN ST.

SENECA BLDG.

McCURDY'S BLDG.

SERVICE TUNNEL

EUCLID BLDG.

SERVICE TUNNEL

CHASE TOWER

B. FORMAN BLDG.

SOUTH CLINTON AVE.

STONE ST.

MIDTOWN MALL

EXP. JOINT

MIDTOWN PROPERTIES

CLINTON SQUARE

MIDTOWN TOWER

BROAD ST.

BAUSCH & LOMB

BROAD ST.

EAST AVE.

ATLAS ST.

EUCLID ST.

CHESTNUT ST.

ELM ST.

LEGEND

CITY GARAGE AT MIDTOWN

SERVICE TUNNEL

UTILITY ROOM / LOADING DOCK

KEY NOTE

1 6,000 GALLON ABOVE GROUND FUEL OIL STORAGE TANK

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PROJECT/CLIENT

UTILITY REPORT
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DRAWING TITLE

MIDTOWN ONSITE FUEL OIL

ISSUED FOR: UTILITY REPORT
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DESIGNED BY: ---
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REVIEWED BY: KMG

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FIG. 5J

PLOTDRVR Civil-XM-HalfLtr.drv
MODEL Default
FILE PATH Y:\Rochester, City\208149 Midtown\Civil\Ustation\Figures\Figure 5J FUEL OIL 2008 04-11.dgn
DATE TIME 7/11/2008 2:46:06 PM

EAST MAIN ST.

EAST MAIN ST.

LEGEND

CITY GARAGE AT MIDTOWN

SERVICE TUNNEL

UTILITY ROOM / LOADING DOCK

McCURDY'S BLDG.

SENECA BLDG.

BOILER ROOM

SERVICE TUNNEL

EAST AVE.

EUCLID BLDG.

SERVICE TUNNEL

CHASE TOWER

STONE ST.

SOUTH CLINTON AVE.

B. FORMAN BLDG.

ATLAS ST.

EUCLID ST.

CHESTNUT ST.

MIDTOWN MALL

CLINTON SQUARE

MIDTOWN PROPERTIES

BOILER ROOM

ELM ST.

MIDTOWN TOWER

BROAD ST.

BAUSCH & LOMB

BROAD ST.

KEY

STEAM SYSTEM

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UTILITY REPORT
FOR
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MIDTOWN REDEVELOPMENT PLAN / SEQR ASSISTANCE
ROCHESTER, NEW YORK

DRAWING TITLE

MIDTOWN ONSITE STEAM SYSTEM

ISSUED FOR: UTILITY REPORT
DATE: JULY 14, 2008

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DRAWN BY: MHB
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FIG. 5K

PLOTDRVR Civil-XM-HalfLtrBig
MODEL Default
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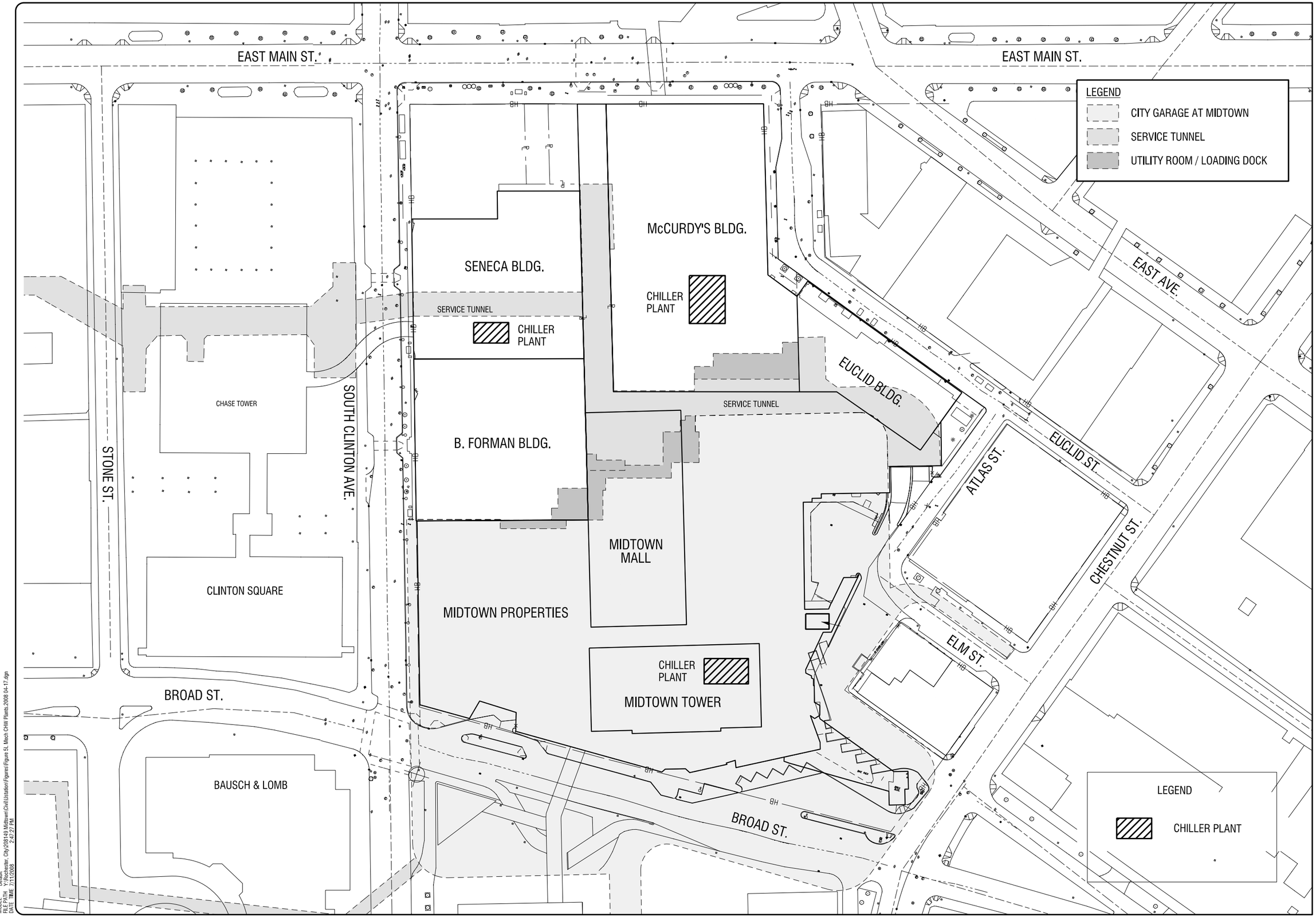
DATE TIME 7/11/2008 2:46:42 PM



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PROJECT/CLIENT
UTILITY REPORT
FOR
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MIDTOWN REDEVELOPMENT PLAN / SEQR ASSISTANCE
ROCHESTER, NEW YORK

DRAWING TITLE
MIDTOWN ONSITE CHILLER PLANTS

ISSUED FOR:	UTILITY REPORT
DATE:	JULY 14, 2008
SCALE:	1" = 100'
DESIGNED BY:	---
DRAWN BY:	MHB
REVIEWED BY:	KMG

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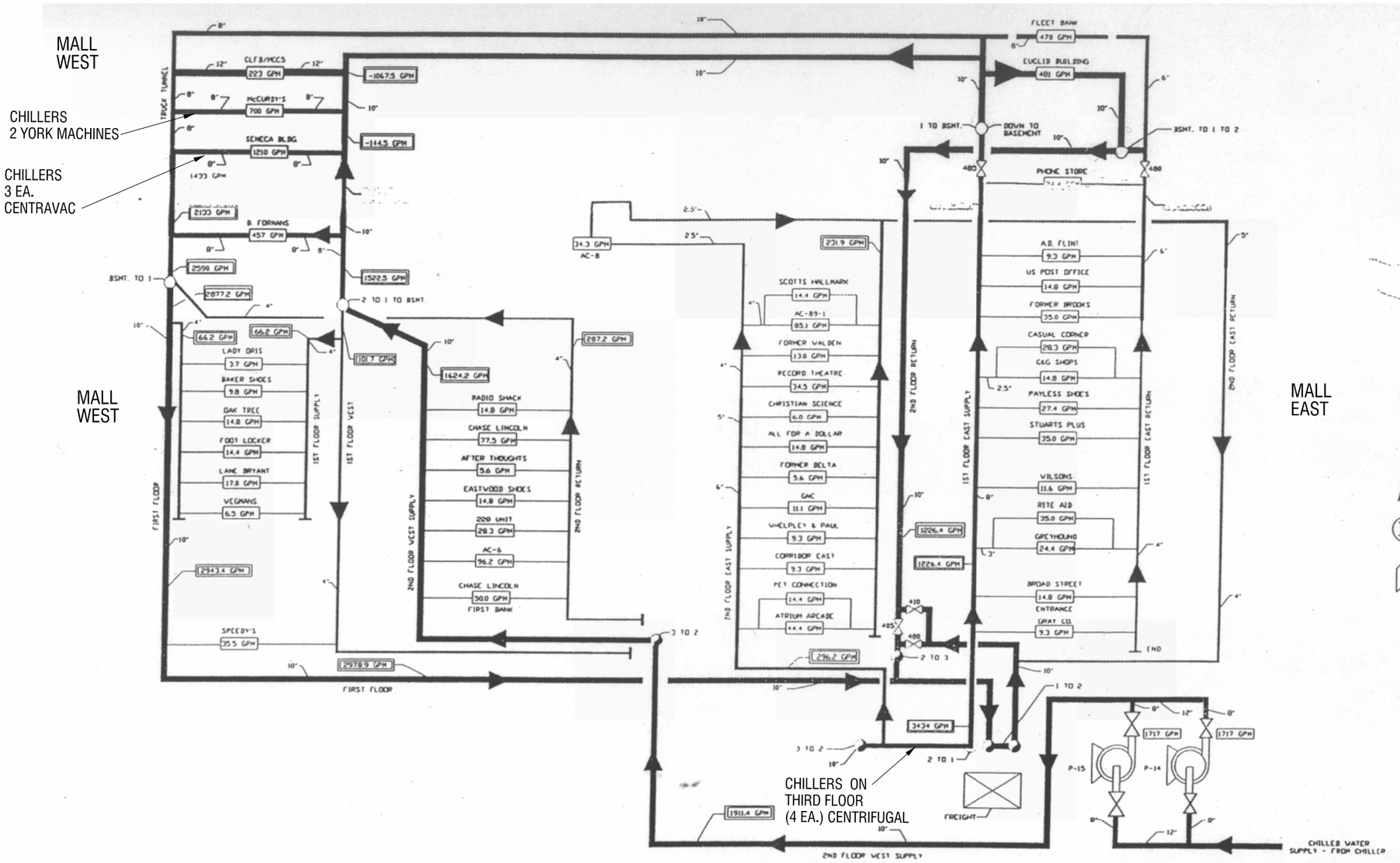
FIG. 5L

PLOTDRVR Civil-XM-HalfLtr.drv
MODEL Default
FILE PATH Y:\Rochester, City\208149 Midtown\Civil\Ustation\Figures\Figure 5L Mech CHW Plants-2008 04-17.dgn
DATE TIME 7/11/2008 2:47:27 PM



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PROJECT/CLIENT
UTILITY REPORT
FOR
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MIDTOWN REDEVELOPMENT PLAN / SEQR ASSISTANCE
ROCHESTER, NEW YORK

DRAWING TITLE
MIDTOWN ONSITE
CHILLED WATER LOOP

ISSUED FOR: UTILITY REPORT
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DRAWN BY: MHB
REVIEWED BY: KMG

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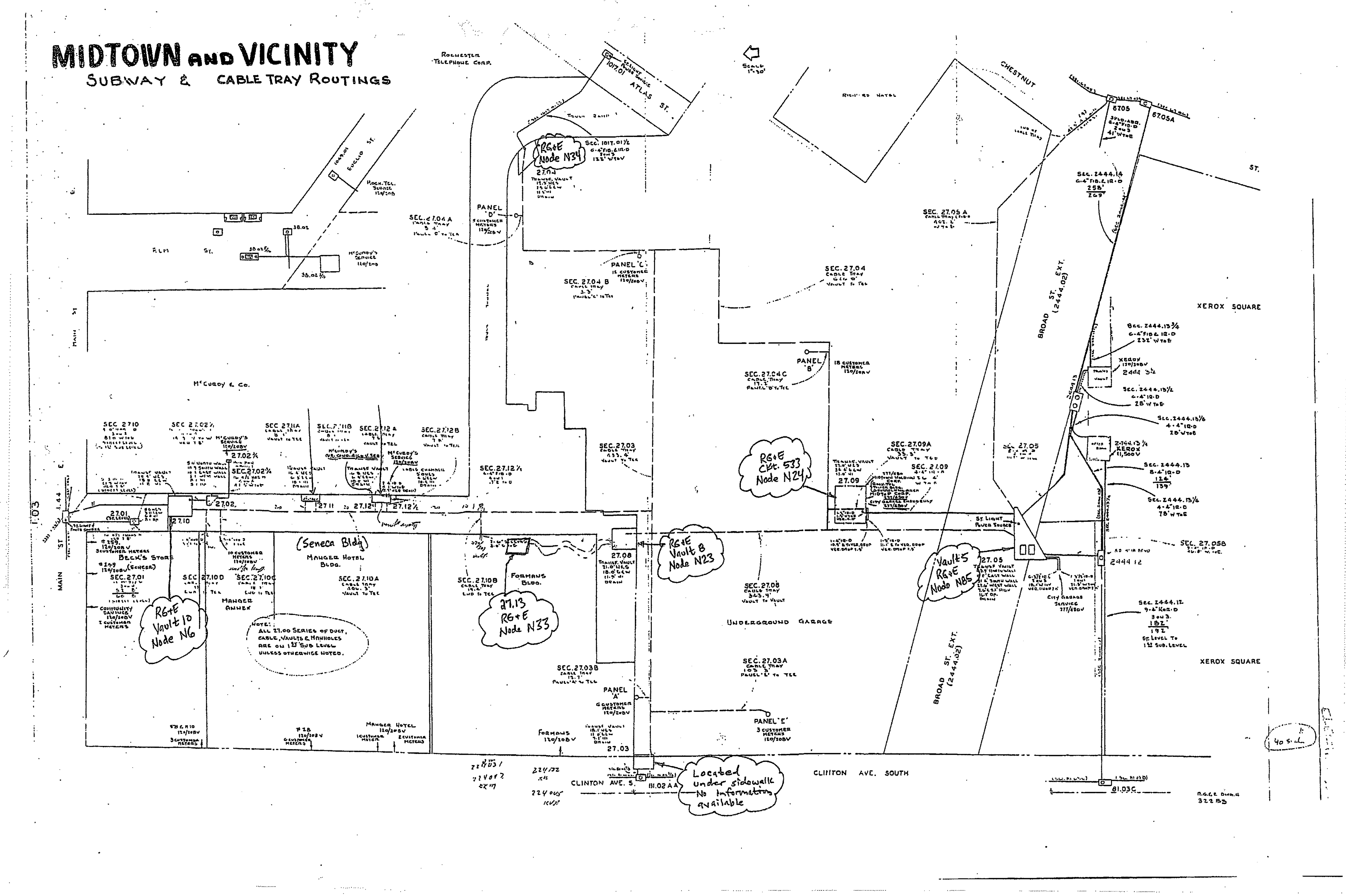
FIG.5M

PLOTDRVR Civil-XM-Half.pltdrvg
MODEL Default
FILE PATH Y:\Rochester, City\208149 Midtown\Civil\Ustation\Figures\Figure 5M Mech CHW Loop 2008 04-17.dgn
DATE, TIME 7/11/2008 2:48:54 PM



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PROJECT/CLIENT
UTILITY REPORT FOR CITY OF ROCHESTER
MIDTOWN REDEVELOPMENT PLAN / SEQR ASSISTANCE
ROCHESTER, NEW YORK

DRAWING TITLE
MIDTOWN ONSITE SUBWAY & CABLE TRAY ROUTINGS

ISSUED FOR: DRAFT
DATE: APRIL 10, 2008
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DRAWN BY: MHB
REVIEWED BY: KMG

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FIG. 5N

PLOTDRVR Civil-XM-Full.pltcfg
MODEL Default
FILE PATH Y:\Rochester, City\208149 Midtown\Civil\Utilization\Figures\FIG 5N.dgn
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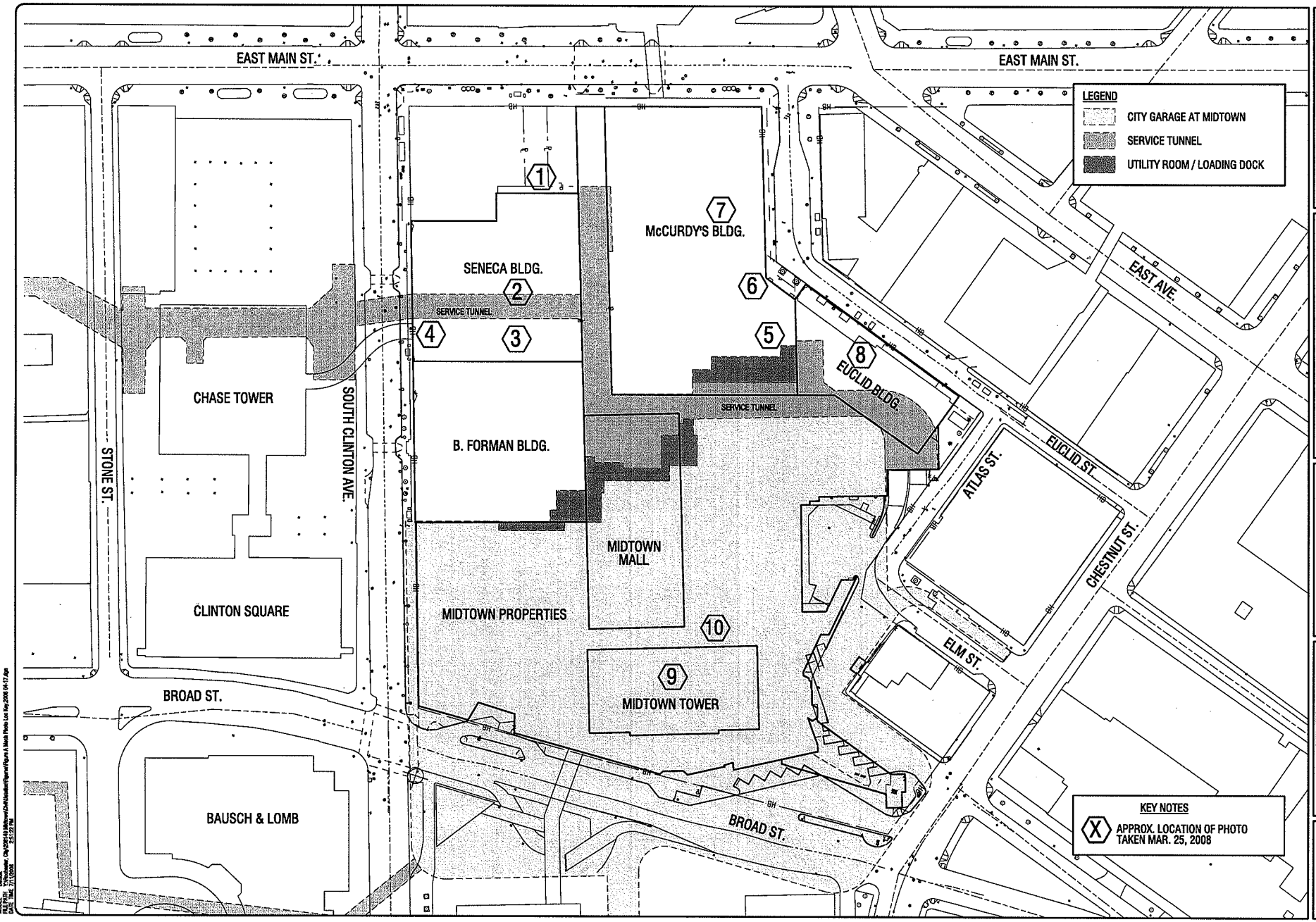
Appendix B
Photographs



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DRAWING TITLE
MIDTOWN ONSITE PHOTO LOCATIONS

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DRAWN BY: MRS
REVIEWED BY: DMS

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FIG. A

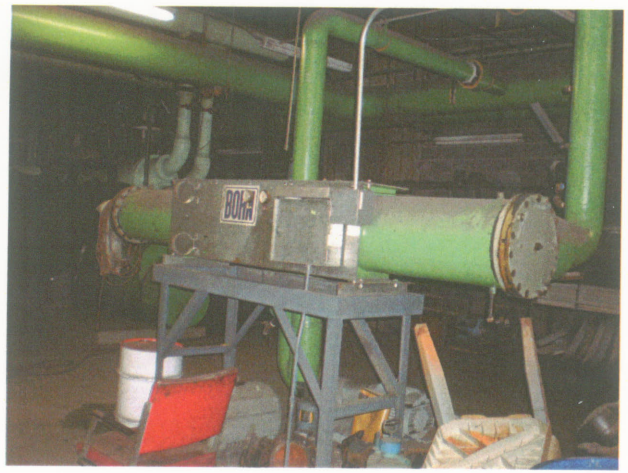
Site 1 & 2
Lower Level Alley & Truck Access

Look E – alley behind SE corner building

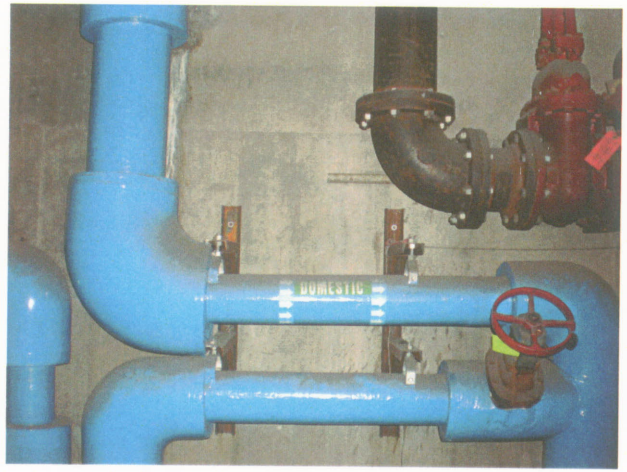
Steam in truck tunnel to chase

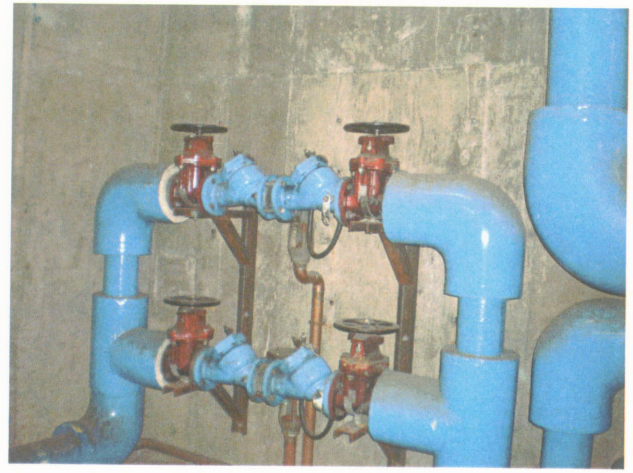
Look W – alley behind SE corner building

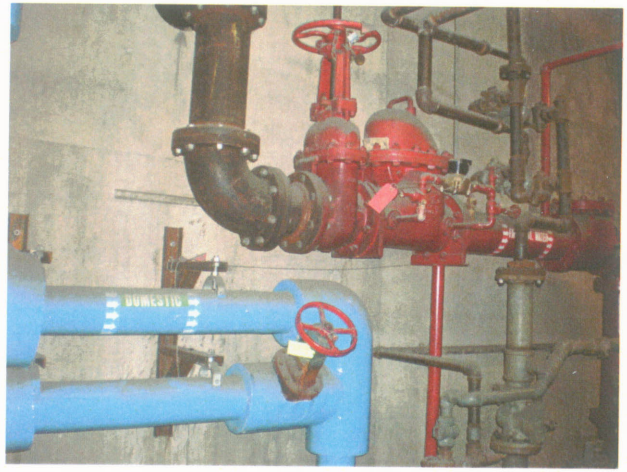
Site 3
Seneca Building Chillers



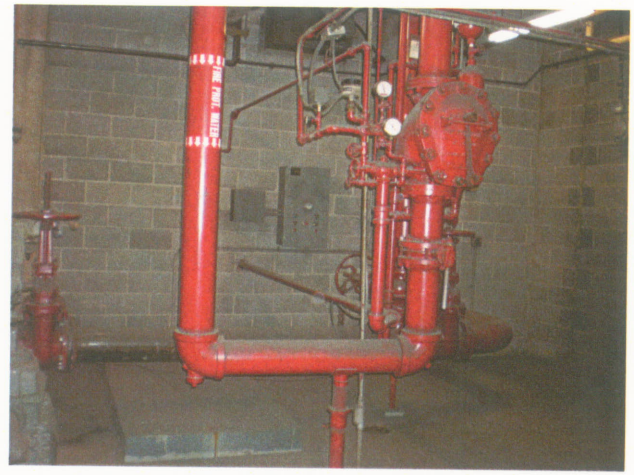
Site 4
Seneca Building Water Service at Clinton

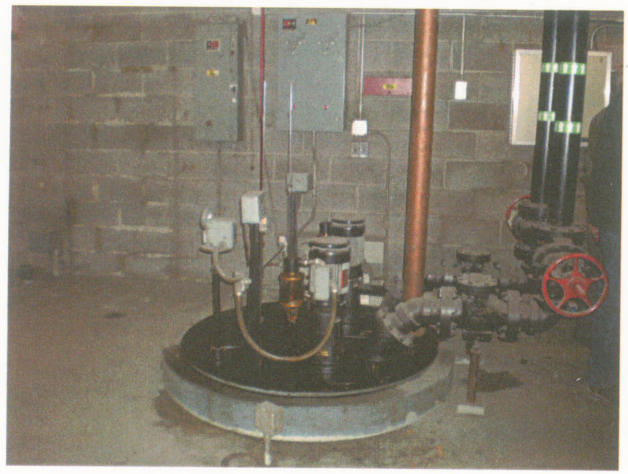






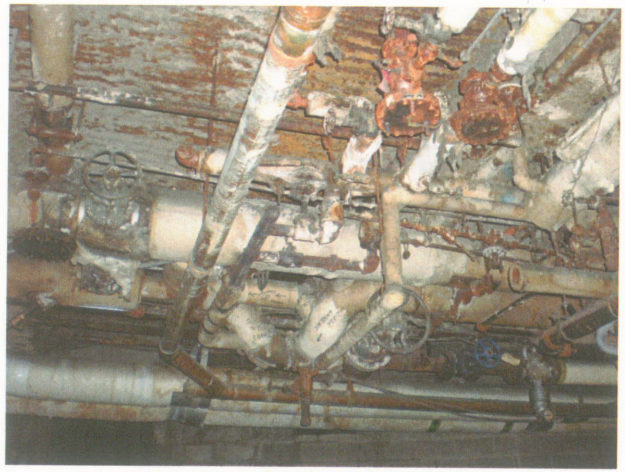
Site 4
Seneca Building Gas Service & Fire Service
Mechanical Room at Chillers

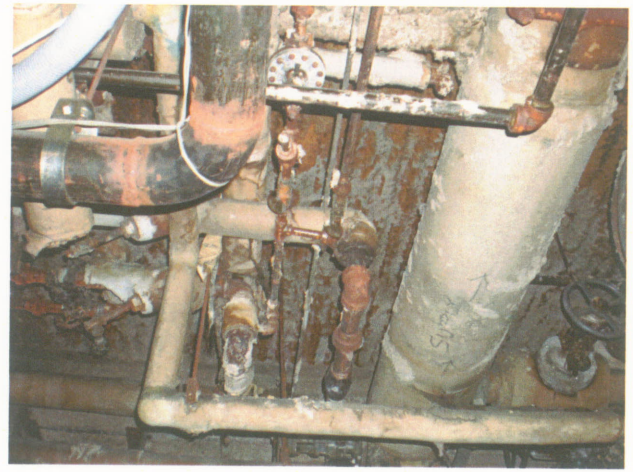




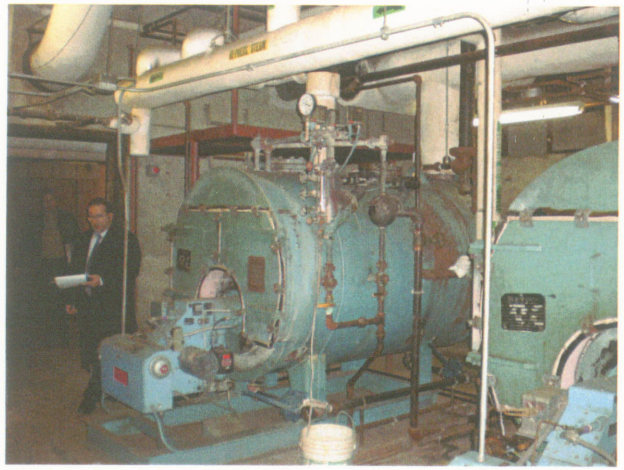
Ejector Pump - Storm Water

Site 5
McCurdy's Loading Dock Area

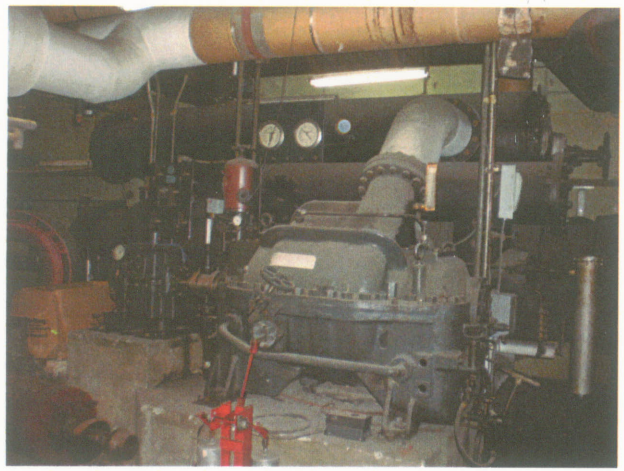


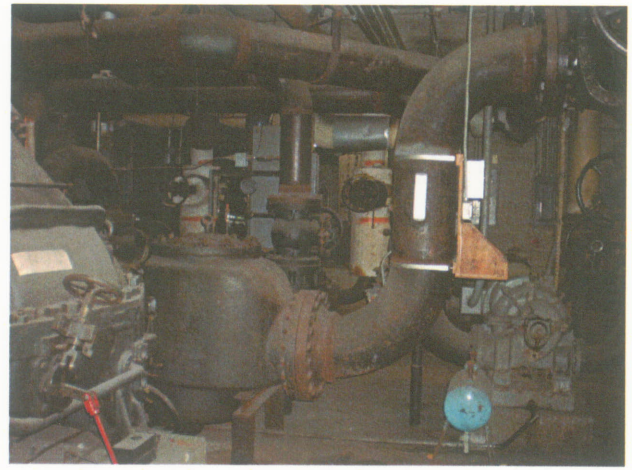


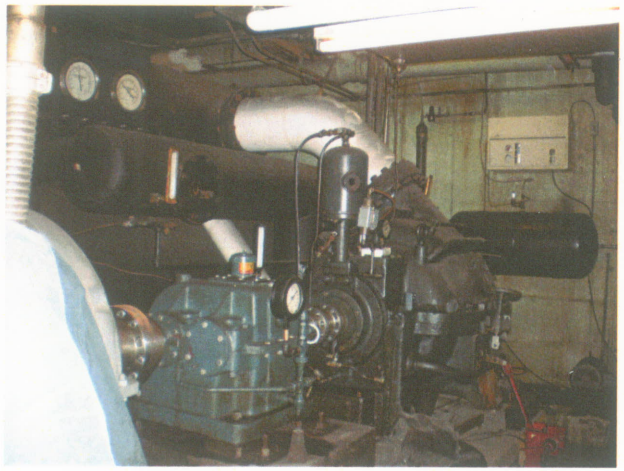
Site 6
McCurdy's Mechanical Room in Basement



Site 7
McCurdy's Mechanical Room in Sub-basement (1905 circa)

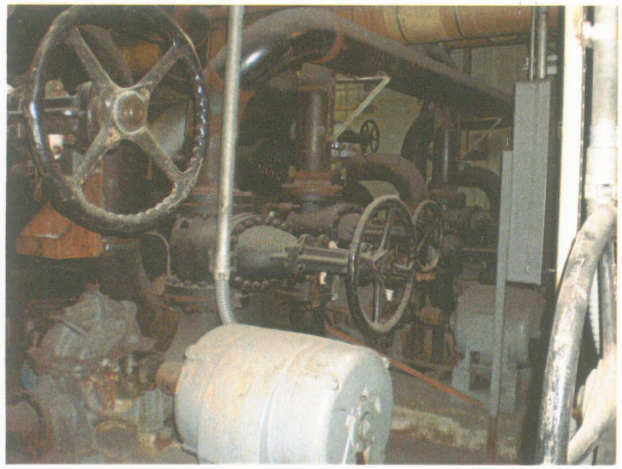




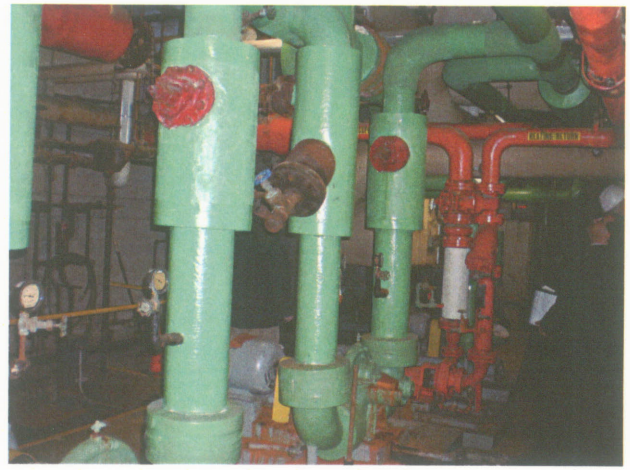


Site 7

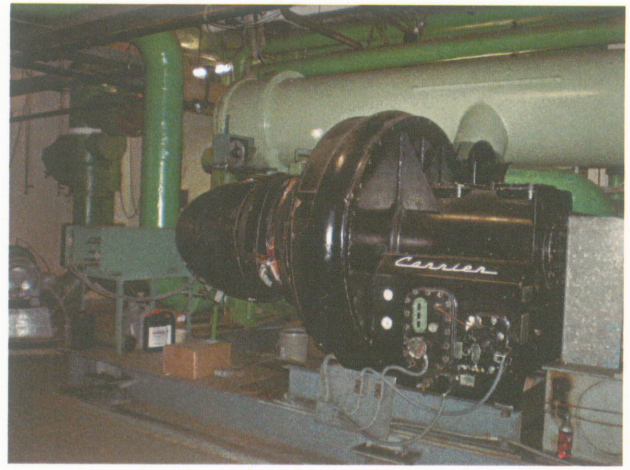
McCurdy's Mechanical Room in Sub-basement (1905 circa)

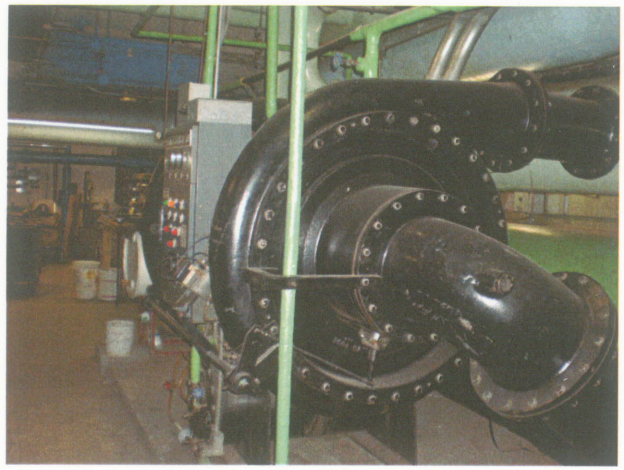


Site 8
Euclid Mechanical Room

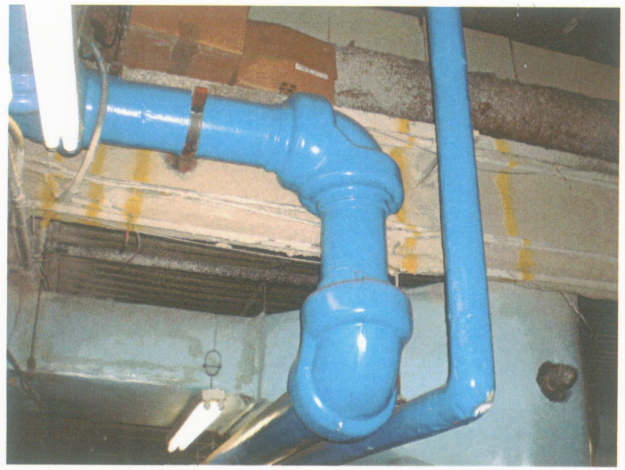


Site 9
Third Floor Midtown Tower





Site 9
Third Floor Midtown Tower



Site 10
Third Floor Midtown Tower Equipment on Roof of Plaza

Site 10
Third Floor Midtown Tower Equipment on Roof of Plaza