

APPENDIX C
MANHOLE INSPECTION LOGS

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS00025 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** FAIR **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.2 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

MINOR CRACK IN COVER



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| INCOMING | | | | | NO | 2 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 11 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: WARNER AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS00026 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.1 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

SEWER PLATE IS DISPLACED, TWO CROSSBORES THAT COULD BE STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 10 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 10 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/10/2026 Inspector: CALEB MACKIN
Street: DANA AVENUE Location: STREET Surface Type: ASPHALT
Subarea: Manhole: DS00250 Inspection Status: CANNOT OPEN

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: Cleaning Required: NO Roots: NO
Manhole Size (in): 48 Grease Visible: NO Steps: NO
Manhole Depth (ft): Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
Chimney Condition: OK Cone Condition: OK Wall Condition: OK
Chimney Infiltration (gpd) Cone Infiltration (gpd) : Wall Infiltration (gpd) :

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : Underdrain Access Type: NONE
Bench/Invert Condition: OK Underdrain Access Condition: N/A
Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

COVER IS CRACKED



PIPE DETAIL

Flow To/From To/From Drop Conn. Service Clock
Direction: Subarea: Manhole: Drop Conn: Depth : Conn : Position : Diameter (in): Material:

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/11/2026 Inspector: CALEB MACKIN
Street: BURNCOAT ST Location: STREET Surface Type: ASPHALT
Subarea: Manhole: DS00861 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
Cover Material: CAST IRON Frame Condition: OK Inflow: PONDING
Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) :

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
Manhole Size (in): 48 Grease Visible: NO Steps: NO
Manhole Depth (ft): 9.3 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
Chimney Condition: OK Cone Condition: OK Wall Condition: OK
Chimney Infiltration (gpd) 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
Bench/Invert Condition: OK Underdrain Access Condition: N/A
Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

ONE CROSSBORE THAT COULD BE MAKESHIFT STEP



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 9 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: ROLLINSON RD **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS00862 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

ONE CROSSBORE THAT COULD BE MAKESHIFT STEP



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | | | NO | 3 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: ROLLINSON RD **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS00863 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 11.3 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 2 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | | 8 | PVC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/12/2026 Inspector: CALEB MACKIN

Street: ROLLINSON RD Location: STREET Surface Type: ASPHALT

Subarea: Manhole: DS00864 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: BELOW GRADE

Cover Material: CAST IRON Frame Condition: OK Inflow: NONE

Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO

Manhole Size (in): 48 Grease Visible: NO Steps: NO

Manhole Depth (ft): 12.1 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK

Chimney Condition: OK Cone Condition: OK Wall Condition: OK

Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE

Bench/Invert Condition: OK Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

FOUR CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: ROLLINSON RD **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS00865 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.9 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01062 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01070 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.2 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | | | NO | 11 | 15 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/10/2026 Inspector: CALEB MACKIN
Street: WARNER AVE Location: STREET Surface Type: ASPHALT
Subarea: Manhole: DS01071 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lampole: NO Cleaning Required: NO Roots: NO
Manhole Size (in): 48 Grease Visible: NO Steps: NO
Manhole Depth (ft): 6.3 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
Chimney Condition: OK Cone Condition: OK Wall Condition: OK
Chimney Infiltration (gpd) 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
Bench/Invert Condition: OK Underdrain Access Condition: N/A
Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

BUILDUP IN 0200 PIPE



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 2 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 1 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 1 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 10 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01072 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.3 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 3 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 9 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01073 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** FAIR **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS, MINOR CRACK IN COVER



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 24 | VC |
| INCOMING | | | NONE | N/A | NO | 11 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: BURNCOAT ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01354 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 12.6 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

FIVE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 2 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: BURNCOAT ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01356 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.6 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01636 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.3 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

BRICK IN CHANNEL, TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS, SEWER PLATE IS SLIGHTLY OFFSET



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 2 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: BURNCOAT ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01897 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.2 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

SEWER MATERIAL IN CHANNEL, TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 3 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 9 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 3 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/11/2026 Inspector: CALEB MACKIN
Street: ASCADILLA RD Location: STREET Surface Type: ASPHALT
Subarea: Manhole: DS01990 Inspection Status: CANNOT OPEN

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
Cover Material: CAST IRON Frame Condition: OK Inflow: PONDING
Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) :

DIMENSIONS AND OBSERVATIONS

Lamphole: Cleaning Required: Roots:
Manhole Size (in): Grease Visible: Steps:
Manhole Depth (ft): Surcharge Evidence: Steps Condition:

CHIMNEY, CONE, AND WALL

Chimney Material: Cone Material: Wall Material:
Chimney Condition: Cone Condition: Wall Condition:
Chimney Infiltration (gpd) Cone Infiltration (gpd) : Wall Infiltration (gpd) :

BENCH AND INVERT

Bench/Invert Material: Pipe Conn. Infiltration (gpd) : Underdrain Access Type:
Bench/Invert Condition: Underdrain Access Condition:
Bench/Invert Infiltration (gpd) : Underdrain Infiltration (gpd) :

COMMENTS

COVER IS CRACKED



PIPE DETAIL

Flow To/From To/From Drop Conn. Service Clock
Direction: Subarea: Manhole: Drop Conn: Depth : Conn : Position : Diameter (in): Material:

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/11/2026 Inspector: CALEB MACKIN
 Street: BURNCOAT ST Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: DS01991 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: PONDING
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) :

DIMENSIONS AND OBSERVATIONS

Lampole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: NO
 Manhole Depth (ft): 9.4 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS,
SEWER MATERIAL IN DRAIN LINE



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 2 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 10 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: BURNCOAT ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01992 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) 432 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS, SEWER MATERIAL IN CHANNEL



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: BURNCOAT ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS01993 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.0 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS, SEWER MATERIAL IN DRAIN LINE



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS02274 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 9 | 24 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 11 | 8 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 1 | 6 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: INVERNESS AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS02275 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THERE ARE THREE CROSSBORES THAT COULD BE GAS LINES, BUT COULD ALSO BE MAKESHIFT STEPS, SEEMS TO BE COMBINED MH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: INVERNESS AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS02275 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE GAS LINES BUT COULD ALSO BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: BURNCOAT ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS02533 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS02603 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 1 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN

Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS02604 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 10 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 10 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS02605 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 3 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 10 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 10 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: FARRAR AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS02606 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.6 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

ONE CROSSBORE THAT COULD BE STEPS



PIPE DETAIL

| <u>Flow</u> | <u>To/From</u> | <u>To/From</u> | <u>Drop Conn.</u> | <u>Service</u> | <u>Clock</u> | <u>Drop Conn.</u> | <u>Drop Conn.</u> | <u>Service</u> | <u>Clock</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|-------------------|-----------------|-----------------|-------------------|----------------|-------------------|-------------------|-------------------|----------------|-------------------|-----------------------|------------------|
| <u>Direction:</u> | <u>Subarea:</u> | <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Conn :</u> | <u>Position :</u> | <u>Depth :</u> | | <u>Conn :</u> | <u>Position :</u> | | |
| OUTGOING | | | N/A | | 6 | N/A | | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | | 3 | N/A | | NO | 3 | 8 | VC |
| INCOMING | | | NONE | | 12 | N/A | | NO | 12 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/10/2026 Inspector: CALEB MACKIN

Street: GRAFTON STREET Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: DS02836 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: NO
 Manhole Depth (ft): 6.4 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS, BUILDUP ON BENCH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 8 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS03754 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.0 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 9 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 7 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 24 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 24 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: RICE SQUARE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04169 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.1 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

ONE CROSSBORE THAT COULD BE MAKESHIFT STEP



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04284 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.2 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | | | NO | 2 | 24 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 24 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04468 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.4 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 11 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 8 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04469 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 2 | 15 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04470 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

ONE CROSSBORE THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 10 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 4 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04471 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

MH IS OFFSET, TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow</u> | <u>To/From</u> | <u>To/From</u> | <u>Drop Conn.</u> | <u>Service</u> | <u>Clock</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|-------------------|-----------------|-----------------|-------------------|----------------|-------------------|-----------------------|------------------|
| <u>Direction:</u> | <u>Subarea:</u> | <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Conn :</u> | <u>Position :</u> | | |
| INCOMING | | | NONE | NO | 12 | 15 | VC |
| OUTGOING | | | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04472 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS, SEDIMENT AND DEBRIS ON BENCH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 2 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04473 **Inspection Status:** CANNOT OPEN

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) **Cone Infiltration (gpd) :** **Wall Infiltration (gpd) :**

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

COVER IS CRACKED



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 2 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04474 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** FAIR **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 9 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 2 | 24 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 24 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS04475 **Inspection Status:** CANNOT LOCATE

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) **Cone Infiltration (gpd) :** **Wall Infiltration (gpd) :**

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

PROBABLY UNDER SNOW BANK



PIPE DETAIL

Flow **To/From** **To/From** **Drop Conn.** **Service** **Clock**
Direction: **Subarea:** **Manhole:** **Drop Conn:** **Depth :** **Conn :** **Position :** **Diameter (in):** **Material:**

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05514 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.4 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

BRICK ON BENCH, SEDIMENT IN CHANNEL, MH IS OFFSET, TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: FAIRMONT AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05518 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.3 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | | | NO | 3 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 9 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05803 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.0 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 18 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 18 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05804 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS, BUILDUP IN CHANNEL



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 18 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 18 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05829 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.6 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS, DEBRIS IN CHANNEL



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05830 **Inspection Status:** CANNOT LOCATE

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) **Cone Infiltration (gpd) :** **Wall Infiltration (gpd) :**

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

POSSIBLY UNDER SNOW



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN

Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05831 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.2 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

DEBRIS ON BENCH, THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05835 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 11 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05836 **Inspection Status:** CANNOT OPEN

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** BELOW GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) **Cone Infiltration (gpd) :** **Wall Infiltration (gpd) :**

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05837 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 10 | VC |
| INCOMING | | | | | NO | 11 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS05838 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS, BUILDUP IN CHANNEL



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/10/2026 Inspector: CALEB MACKIN

Street: DELMONT AVENUE Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: DS06417 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: NO
 Manhole Depth (ft): 8.1 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: PRECAST Wall Material: PRECAST
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 288 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

INFILTRATION AT 1200 INCOMING



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 9 | 8 | PVC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: PURITAN AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS07515 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.0 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 1 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 11 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: RUGBY STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS08658 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.4 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 1 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 2 | 8 | VC |
| INCOMING | | | | | NO | 10 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 11 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: PLANTATION STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS10778 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 11 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 18 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: PILGRIM AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS10779 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS, 8" UNK CONNECTIONS ARE LIKELY CBS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 2 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 9 | 8 | PVC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS11164 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.9 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

0200 SEWER CONNECTION IS A COMBINED MH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 9 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 2 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 4 | 8 | PVC |

MANHOLE INSPECTION LOG

INCOMING NO 2 15 VC

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/12/2026 Inspector: CALEB MACKIN

Street: INGLESIDE AVENUE Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: DS11734 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: NO
 Manhole Depth (ft): 6.9 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS, 6" INCOMING COULD BE A SERVICE BUT UNSURE



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | N/A | N/A | N/A | N/A | YES | 10 | 6 | VC |
| INCOMING | | | NONE | N/A | NO | 1 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 3 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS23369 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.6 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 3 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS30044 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** YES
Manhole Depth (ft): 8.2 **Surcharge Evidence:** NO **Steps Condition:** OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

BUILDUP ON BENCH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 8 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/12/2026 Inspector: CALEB MACKIN

Street: GRAFTON STREET Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: DS30081 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: PONDING
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) :

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 8.8 Surcharge Evidence: NO Steps Condition: OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 864 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

DEBRIS ON BENCH, INFILTRATION THROUGH 0300 CONNECTION



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 3 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: INVERNESS AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** DS30085 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.3 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST **Cone Material:** PRECAST **Wall Material:** PRECAST
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

UNK CONNECTIONS LIKELY GO TO CBS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 9 | 8 | PVC |
| INCOMING | | | NONE | N/A | NO | 2 | 8 | PVC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: HOLLIS ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS00235 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.1 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | PVC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/11/2026 Inspector: CALEB MACKIN
 Street: HOLLIS ST Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS00236 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: NO
 Manhole Depth (ft): 9.6 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | N/A | N/A | N/A | N/A | YES | 10 | 6 | PVC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 12 | 6 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: JAQUES AVE **Location:** STREET **Surface Type:**
Subarea: **Manhole:** SS00677 **Inspection Status:** CANNOT LOCATE

FRAME AND COVER

Cover Type: **Frame Material:** **Cover Elevation:**
Cover Material: **Frame Condition:** **Inflow:**
Cover Diameter (in) : **Cover Condition:** **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: **Cleaning Required:** **Roots:**
Manhole Size (in): **Grease Visible:** **Steps:**
Manhole Depth (ft): **Surcharge Evidence:** **Steps Condition:**

CHIMNEY, CONE, AND WALL

Chimney Material: **Cone Material:** **Wall Material:**
Chimney Condition: **Cone Condition:** **Wall Condition:**
Chimney Infiltration (gpd) **Cone Infiltration (gpd) :** **Wall Infiltration (gpd) :**

BENCH AND INVERT

Bench/Invert Material: **Pipe Conn. Infiltration (gpd) :** **Underdrain Access Type:**
Bench/Invert Condition: **Underdrain Access Condition:**
Bench/Invert Infiltration (gpd) : **Underdrain Infiltration (gpd) :**

COMMENTS

MIGHT BE PAVED OVER/PATCHED



PIPE DETAIL

Flow To/From To/From Drop Conn. Service Clock
Direction: **Subarea:** **Manhole:** **Drop Conn:** **Conn :** **Position :** **Diameter (in):** **Material:**

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/11/2026 Inspector: CALEB MACKIN

Street: JAQUES AVE Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS00725 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: NO
 Manhole Depth (ft): 11.6 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

RAGGING IN CHANNEL



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: JAQUES AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS00726 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 12.0 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:**
Bench/Invert Condition: OK **Underdrain Access Condition:**
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** 0

COMMENTS

FIVE CROSSBORES THAT COULD BE MAKESHIFT STEPS, SEWER MATERIAL BUILDUP ON BENCH AND CHANNEL, BRICK AND SEDIMENT BUILDUP ON BENCH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 9 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: JAQUES AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS00728 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.6 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| INCOMING | | | | | NO | 10 | 8 | PVC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: JAQUES AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS00951 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.3 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

BRICK ON BENCH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 10 | 10 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: QUEEN ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS00956 **Inspection Status:** CANNOT OPEN

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) **Cone Infiltration (gpd) :** **Wall Infiltration (gpd) :**

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

FRAME WAS COMING OUT WITH THE COVER



PIPE DETAIL

| <u>Flow</u> | <u>To/From</u> | <u>To/From</u> | <u>Drop Conn.</u> | <u>Service</u> | <u>Clock</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|-------------------|-----------------|-----------------|-------------------|----------------|-------------------|-----------------------|------------------|
| <u>Direction:</u> | <u>Subarea:</u> | <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Conn :</u> | <u>Position :</u> | | |
| OUTGOING | | | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: QUEEN ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS00957 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.9 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: NEEDS REPAIR **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 288 **Underdrain Infiltration (gpd) :** N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 2 | 10 | AC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 11 | 6 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: QUEEN ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS00958 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.4 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:**
Bench/Invert Condition: OK **Underdrain Access Condition:**
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** 0

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | PVC |
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: DANIELS ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS01604 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.3 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 9 | 8 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 3 | 12 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 9 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| INCOMING | | | NONE | N/A | NO | 9 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: FAIRMONT AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS02720 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.4 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: FAIRMONT AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS02723 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 11.1 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

FIVE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 1 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS03068 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS, DEBRIS ON BENCH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 1 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS03070 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.0 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS, INFILTRATION STAINING ON WALLS



PIPE DETAIL

| <u>Flow</u> | <u>To/From</u> | <u>To/From</u> | <u>Drop Conn.</u> | <u>Service</u> | <u>Clock</u> | <u>Drop Conn.</u> | <u>Depth :</u> | <u>Conn :</u> | <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|-------------------|-----------------|-----------------|-------------------|----------------|---------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|
| <u>Direction:</u> | <u>Subarea:</u> | <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Depth :</u> | <u>Conn :</u> | <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> | <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
| INCOMING | | | NONE | N/A | NO | 3 | 8 | VC | | | |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC | | | |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS03085 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 16.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

SIX CROSSBORES THAT COULD BE MAKESHIFT STEPS, SEWER MATERIAL ON BENCH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 2 | 6 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 10 | 6 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS03086 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 14.2 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:**
Bench/Invert Condition: OK **Underdrain Access Condition:**
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** 0

COMMENTS

SIX CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS03087 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.3 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS03564 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 15.1 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

SEVEN CROSSBORES THAT COULD BE MAKESHIFT STEPS, INFILTRATION STAINING ON WALLS



PIPE DETAIL

| <u>Flow</u> | <u>To/From</u> | <u>To/From</u> | <u>Drop Conn.</u> | <u>Service</u> | <u>Clock</u> | <u>Drop Conn.</u> | <u>Depth :</u> | <u>Conn :</u> | <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|-------------------|-----------------|-----------------|-------------------|----------------|---------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|
| <u>Direction:</u> | <u>Subarea:</u> | <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Depth :</u> | <u>Conn :</u> | <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> | <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC | | | |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC | | | |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS03565 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 15.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

0200 CONNECTION IS MAPPED, BUT NOT VISIBLE FROM TOP OF MH (IT WAS VISIBLE FROM SS04619), MH SEEMS TO BE OFFSET, FOUR CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 2 | 8 | VC |
| INCOMING | N/A | N/A | N/A | N/A | YES | 10 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:**
Subarea: **Manhole:** SS03688 **Inspection Status:** CANNOT LOCATE

FRAME AND COVER

Cover Type: **Frame Material:** **Cover Elevation:**
Cover Material: **Frame Condition:** **Inflow:**
Cover Diameter (in) : **Cover Condition:** **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: **Cleaning Required:** **Roots:**
Manhole Size (in): **Grease Visible:** **Steps:**
Manhole Depth (ft): **Surcharge Evidence:** **Steps Condition:**

CHIMNEY, CONE, AND WALL

Chimney Material: **Cone Material:** **Wall Material:**
Chimney Condition: **Cone Condition:** **Wall Condition:**
Chimney Infiltration (gpd) **Cone Infiltration (gpd) :** **Wall Infiltration (gpd) :**

BENCH AND INVERT

Bench/Invert Material: **Pipe Conn. Infiltration (gpd) :** **Underdrain Access Type:**
Bench/Invert Condition: **Underdrain Access Condition:**
Bench/Invert Infiltration (gpd) : **Underdrain Infiltration (gpd) :**

COMMENTS

BURIED UNDER SNOW



PIPE DETAIL

Flow To/From To/From Drop Conn. Service Clock
Direction: **Subarea:** **Manhole:** **Drop Conn:** **Depth :** **Conn :** **Position :** **Diameter (in):** **Material:**

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS03820 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS04619 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS04977 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.0 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

MAP SHOWS OUTGOING TO SS02723 AND IT LOOKS LIKE THE PIPE DOES GO TO IT, BUT THERE WAS NO INCOMING AT 1000 WHEN WE OPENED SS02723, TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS, SEWER MATERIAL IN



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: PILGRIM AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS04978 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 5.2 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

ONE CROSSBORE THAT COULD BE MAKESHIFT STEPS, BUILDUP ON BENCH AND IN CHANNEL



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 11 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS05016 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.6 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS05017 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.4 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:**
Bench/Invert Condition: OK **Underdrain Access Condition:**
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** 0

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 10 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 11 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS05018 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** YES **Steps:** NO
Manhole Depth (ft): 7.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS, BUILDUP IN CHANNEL



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS05019 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

CLEANING RECOMMENDED, THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS05256 **Inspection Status:** CANNOT OPEN

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) **Cone Infiltration (gpd) :** **Wall Infiltration (gpd) :**

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

COVER IS CRACKED



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS05257 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

SEWER MATERIAL IN CHANNEL



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: GRAFTON STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS05259 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.2 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 3 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: PURITAN AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS05264 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 6.7 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 10 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/10/2026 Inspector: CALEB MACKIN

Street: DELMONT AVENUE Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS05826 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lampole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 7.8 Surcharge Evidence: NO Steps Condition: OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: PRECAST Wall Material: PRECAST
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> | <u>To/From</u> | <u>To/From</u> | <u>Drop Conn.</u> | <u>Service</u> | <u>Clock</u> | <u>Drop Conn.</u> | <u>Depth :</u> | <u>Conn :</u> | <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|-------------------|-----------------|-----------------|-------------------|----------------|---------------|-------------------|-----------------------|------------------|-------------------|-----------------------|------------------|
| <u>Direction:</u> | <u>Subarea:</u> | <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Depth :</u> | <u>Conn :</u> | <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> | <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | | | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | | | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: SARATOGA DR Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS07969 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 9.8 Surcharge Evidence: NO Steps Condition: OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: MASSASOIT ROAD **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS08573 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 8.8 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS, MH IS OFFSET, DEBRIS ON BENCH



PIPE DETAIL

| <u>Flow</u> | <u>To/From</u> | <u>To/From</u> | <u>Drop Conn.</u> | <u>Service</u> | <u>Clock</u> | <u>Diameter (in):</u> | <u>Material:</u> | |
|-------------------|-----------------|-----------------|-------------------|----------------|---------------|-----------------------|-----------------------|----|
| <u>Direction:</u> | <u>Subarea:</u> | <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Depth :</u> | <u>Conn :</u> | <u>Position :</u> | <u>Diameter (in):</u> | |
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: QUINSIGAMOND AVE Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS08878 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lampole: NO Cleaning Required: YES Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 10.8 Surcharge Evidence: YES Steps Condition: NEEDS REPAIR

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type:
 Bench/Invert Condition: OK Underdrain Access Condition:
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : 0

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: QUINSIGAMOND AVE Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS09081 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: YES Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 10.0 Surcharge Evidence: YES Steps Condition: OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: QUINSIGAMOND AVE Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS09082 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 10.0 Surcharge Evidence: NO Steps Condition: OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: PRECAST Wall Material: PRECAST
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type:
 Bench/Invert Condition: OK Underdrain Access Condition:
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : 0

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: PARK AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS09217 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 14.1 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS, RAGGING ON BENCH



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | N/A | N/A | N/A | N/A | YES | 10 | 6 | PVC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: PARK AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS09218 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.9 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

RAGGING ON BENCH, TWO CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | N/A | N/A | N/A | N/A | YES | 8 | 6 | PVC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: PARK AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS09219 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 9.5 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 18 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 18 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: NORTH WORCESTER AVE Location: STREET Surface Type:
 Subarea: Manhole: SS09742 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 5.8 Surcharge Evidence: NO Steps Condition: OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: NORTH WORCESTER AVE Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS09743 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 6.8 Surcharge Evidence: NO Steps Condition: OK

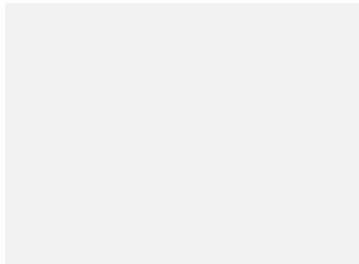
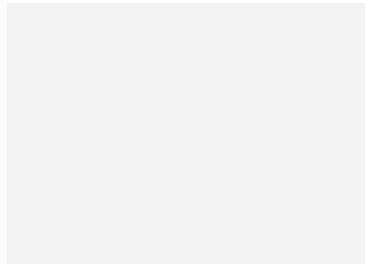
CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> | <u>To/From</u> | <u>To/From</u> | <u>Drop Conn.</u> | <u>Service</u> | <u>Clock</u> | <u>Diameter (in)</u> | <u>Material</u> |
|------------------|----------------|----------------|-------------------|----------------|-----------------|----------------------|-----------------|
| <u>Direction</u> | <u>Subarea</u> | <u>Manhole</u> | <u>Drop Conn</u> | <u>Conn</u> | <u>Position</u> | | |
| OUTGOING | | | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: PARK AVE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS10783 **Inspection Status:** CANNOT OPEN

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) **Cone Infiltration (gpd) :** **Wall Infiltration (gpd) :**

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

COVER IS CRACKED



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 12 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/12/2026 Inspector: CALEB MACKIN

Street: PLANTATION STREET Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS11007 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: NO
 Manhole Depth (ft): 7.4 Surcharge Evidence: NO Steps Condition: N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS

THREE CROSSBORES THAT COULD BE MAKESHIFT STEPS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 1 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: SOUTHBRIDGE ST Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS11063 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: YES Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 8.7 Surcharge Evidence: YES Steps Condition: NEEDS REPAIR

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: FAIR Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: QUINSIGAMOND AVE Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS11064 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 10.9 Surcharge Evidence: NO Steps Condition: NEEDS REPAIR

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: SARATOGA DR Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS11069 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 6.5 Surcharge Evidence: NO Steps Condition: OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: SARATOGA DR Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS11071 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 7.3 Surcharge Evidence: NO Steps Condition: OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: OK Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: SARATOGA DR Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS11581 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: NO Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 4.8 Surcharge Evidence: NO Steps Condition: OK

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: NEEDS REPAIR Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA Project Title: VARIOUS ST Date: 2/18/2026 Inspector: JESSE MERCHANT

Street: LAFAYETTE ST Location: STREET Surface Type: ASPHALT
 Subarea: Manhole: SS11739 Inspection Status: INSPECTED

FRAME AND COVER

Cover Type: STANDARD Frame Material: CAST IRON Cover Elevation: AT GRADE
 Cover Material: CAST IRON Frame Condition: OK Inflow: NONE
 Cover Diameter (in) : 23 Cover Condition: OK Drainage Area (sf) : N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO Cleaning Required: YES Roots: NO
 Manhole Size (in): 48 Grease Visible: NO Steps: YES
 Manhole Depth (ft): 8.7 Surcharge Evidence: YES Steps Condition: NEEDS REPAIR

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK Cone Material: BRICK Wall Material: BRICK
 Chimney Condition: NEEDS REPAIR Cone Condition: OK Wall Condition: OK
 Chimney Infiltration (gpd) : 0 Cone Infiltration (gpd) : 0 Wall Infiltration (gpd) : 0

BENCH AND INVERT

Bench/Invert Material: BRICK Pipe Conn. Infiltration (gpd) : 0 Underdrain Access Type: NONE
 Bench/Invert Condition: OK Underdrain Access Condition: N/A
 Bench/Invert Infiltration (gpd) : 0 Underdrain Infiltration (gpd) : N/A

COMMENTS



PIPE DETAIL

| <u>Flow</u> <u>Direction:</u> | <u>To/From</u> <u>Subarea:</u> | <u>To/From</u> <u>Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn.</u> <u>Depth :</u> | <u>Service</u> <u>Conn :</u> | <u>Clock</u> <u>Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|----------------------------------|-----------------------------------|-----------------------------------|-------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/10/2026 **Inspector:** CALEB MACKIN
Street: INGLESIDE AVENUE **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS12056 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.0 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| INCOMING | | | NONE | N/A | NO | 12 | 8 | VC |
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/12/2026 **Inspector:** CALEB MACKIN
Street: RUGBY STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS16700 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 7.0 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

SEWER MATERIAL IN CHANNEL



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 8 | VC |
| INCOMING | | | NONE | N/A | NO | 2 | 8 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: SHREWSBURY STREET **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS17234 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** PONDING
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :**

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** YES
Manhole Depth (ft): 7.8 **Surcharge Evidence:** NO **Steps Condition:** NEEDS REPAIR

CHIMNEY, CONE, AND WALL

Chimney Material: BRICK **Cone Material:** BRICK **Wall Material:** BRICK
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: BRICK **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: OK **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : 0 **Underdrain Infiltration (gpd) :** N/A

COMMENTS

APPEARS TO BE GREASE BUILDUP IN CHANNELS, SOME KIND OF SEDIMENT BUILDUP ON WALLS AND CHIMNEY, RUSTING IN CHIMNEY



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn. Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 36 | VC |
| INCOMING | | | NONE | N/A | NO | 2 | 15 | PVC |
| INCOMING | | | NONE | N/A | NO | 12 | 36 | VC |
| INCOMING | | | NONE | N/A | NO | 9 | 12 | VC |

MANHOLE INSPECTION LOG

Client: WORCESTER, MA **Project Title:** VARIOUS ST **Date:** 2/11/2026 **Inspector:** CALEB MACKIN
Street: QUEEN ST **Location:** STREET **Surface Type:** ASPHALT
Subarea: **Manhole:** SS30185 **Inspection Status:** INSPECTED

FRAME AND COVER

Cover Type: STANDARD **Frame Material:** CAST IRON **Cover Elevation:** AT GRADE
Cover Material: CAST IRON **Frame Condition:** OK **Inflow:** NONE
Cover Diameter (in) : 23 **Cover Condition:** OK **Drainage Area (sf) :** N/A

DIMENSIONS AND OBSERVATIONS

Lamphole: NO **Cleaning Required:** NO **Roots:** NO
Manhole Size (in): 48 **Grease Visible:** NO **Steps:** NO
Manhole Depth (ft): 10.2 **Surcharge Evidence:** NO **Steps Condition:** N/A

CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST **Cone Material:** PRECAST **Wall Material:** PRECAST
Chimney Condition: OK **Cone Condition:** OK **Wall Condition:** OK
Chimney Infiltration (gpd) : 0 **Cone Infiltration (gpd) :** 0 **Wall Infiltration (gpd) :** 0

BENCH AND INVERT

Bench/Invert Material: NONE **Pipe Conn. Infiltration (gpd) :** 0 **Underdrain Access Type:** NONE
Bench/Invert Condition: N/A **Underdrain Access Condition:** N/A
Bench/Invert Infiltration (gpd) : N/A **Underdrain Infiltration (gpd) :** N/A

COMMENTS

94.6 FEET FROM USMH (SS00957), APPEARS TO BE DOGHOUSE MH, RUBBLE AND SEDIMENT AROUND PIPE



PIPE DETAIL

| <u>Flow Direction:</u> | <u>To/From Subarea:</u> | <u>To/From Manhole:</u> | <u>Drop Conn:</u> | <u>Drop Conn: Depth :</u> | <u>Service Conn :</u> | <u>Clock Position :</u> | <u>Diameter (in):</u> | <u>Material:</u> |
|------------------------|-------------------------|-------------------------|-------------------|---------------------------|-----------------------|-------------------------|-----------------------|------------------|
| OUTGOING | | | N/A | N/A | N/A | 6 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 12 | 15 | VC |
| INCOMING | | | NONE | N/A | NO | 3 | 12 | AC |