TOWN OF BURLINGTON, MASSACHUSETTS

PROJECT 8 AND 9 SEWER REHABILITATIONS

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION

LOCUS MAP

SCALE: 1" = 3000'

DRAWING INDEX

<table>
<thead>
<tr>
<th>SHEET</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-1</td>
<td>COVER AND SHEET LIST</td>
</tr>
<tr>
<td>C-2</td>
<td>BASE BID PLANS AND TABLES</td>
</tr>
<tr>
<td>C-3</td>
<td>ALTERNATE BID NO. 1 PLANS AND TABLES</td>
</tr>
<tr>
<td>C-4</td>
<td>ALTERNATE BID NO. 2 PLANS AND TABLES</td>
</tr>
<tr>
<td>C-5</td>
<td>ALTERNATE BID NO. 3 PLANS AND TABLES</td>
</tr>
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</table>

CONTRACT NO. 20C-411-0072

MWRA LOCAL FINANCIAL ASSISTANCE PROGRAM

PROJECT NO. WRA-P11-08-3-1119

APRIL 2020

FILE NO. 243-65
### ABBREVIATIONS

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<tr>
<th>DESCRIPTION</th>
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<tr>
<td>MATERIAL</td>
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<tr>
<td>CONDUIT</td>
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<tr>
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<td>UNDERGROUND</td>
<td>OVERGROUND</td>
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<td>FORCE MAIN</td>
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<td>FORCE MAIN VALVE</td>
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<td>DUCTILE IRON</td>
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<tr>
<td>FORCE MAIN VALVE LENT</td>
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</tr>
<tr>
<td>FORCE MAIN VALVE COUPLING</td>
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</tr>
<tr>
<td>FORCE MAIN VALVE CONNECTING</td>
<td>OPAQUE</td>
<td>CLEAR</td>
</tr>
<tr>
<td>TAP VALVE</td>
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</tbody>
</table>

### CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL DELIVER AND INSTALL THE TAP VALVE CONDUIT IN ACCORDANCE WITH THE CONTRACTS AND SPECIFICATIONS.

2. THE CONTRACTOR SHALL INSTALL THE TAP VALVE CONDUIT IN SUCH A MANNER AS TO PERMIT THE EASY ACCESS OF MAINTENANCE PERSONNEL.

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Notes:
1. Bypass piping cannot be installed across Route 95/128.
2. Contractor shall install working doors on manholes between manholes 217 and 161, and manholes 168 and 171.
3. Contractor shall maintain relational pipe elevation between manholes 161 and 168, manholes 168 and 171, and manholes 171 and 71.

Contractor can backup flows between manholes 71 and 64 and can pump out manhole 71. Contractor shall discharge flow to 24-inch diameter sewer (manhole 423) on Terrace Hall Avenue.

4. Contractor shall monitor manholes with 1 Rounder Way.
5. Work shall be performed between the hours of 7 PM and 7 AM.

6. Contractor shall coordinate the work with 1 Rounder Way.

7. Handling existing flows shall be considered incidental to the work and shall not be measured separately for payment.

8. A temporary flow meter was installed in manhole 30 from 3/14/2008 to 5/14/2008. Minimum, Average, and Maximum Flows during that period are included below.

<table>
<thead>
<tr>
<th>Meter V-05 (Manhole 30) - 3/14/2008 to 5/14/2008</th>
<th>Minimum</th>
<th>Average</th>
<th>Maximum</th>
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<tbody>
<tr>
<td>190,000 gallons per day</td>
<td>438,491</td>
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<td>7,917 gallons per hour</td>
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813 ± 815

65

SMH 71 RIM = 140.35 INV. = 130.22 INV. (IN FROM SMH 65) = 131.57 INV. (IN FROM 72) = 132.16

66

SMH 65 RIM = 143.76 INV. = 136.67

B

WHEELER RD

SMH 72 RIM = 144.12 INV. (IN) = 135.03 INV. (OUT) = 134.93

SMH 54 RIM = 134.46 INV. = 125.48

SMH 59 RIM = 133.43 INV. (IN) = 127.39 INV. (OUT) = 126.36

30

Weston & Sampson Engineers, Inc.
423 34 55 Walkers Brook Drive, Suite 100
Reading, MA 01867
800.SAMPSON 978.532.1900
www.westonandsampson.com

$59 74

$54 45

$B 54 45

$B 54 45

70 70A

SMH 70 RIM = 137.9 INV. = 130.9

SMH 64 RIM = 136.4 INV. = 128.72

INV.(FROM SMH 70) = 129.2

SMH 68 RIM = 136.4 INV. = 129.67

SMH 74 RIM = 139.3 INV. = 132.4

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NOTES:

1. Contractor shall trim and seed as required. Laying and seeding shall be considered incidental to this work and shall not be measured separately for payment.

2. Contractor shall coordinate with utility company regarding supporting utility pole. Coordination with utility company shall be considered incidental to this work and shall not be measured separately for payment.

WASHINGTON AVENUE

DRAWING TITLE: BASE BID PLAN AND PROFILE

SHEET NUMBER: C-5

SCALE: 1" = 40'

APPROPRIATE NOTATIONS ARE SHOWN ON THE DRAWING.

REMARKS:

- This drawing has been prepared for the exclusive use of the client and project name listed on this drawing only. Reproduction, release, or utilization of the drawing content by other clients/firms and on other projects is prohibited by law.

- Weston & Sampson retains the exclusive use of the intellectual property contained herein.

- Drawing Title: Base Bid Plan and Profile

- Sheet Number: C-5

- Scale: 1" = 40'

- Appropriateness of Notations are shown on the drawing.