OWATONNA PUBLIC UTILITIES
STANDARDS FOR INSTALLATION OF WATER METERS
(1½” - 6”)

RESPONSIBILITIES:

OPU ____________________________ CONTRACTOR ____________________________

METER ____________________________ PIPING ____________________________

COMPANION FLANGES ____________________________ VALVES ____________________________

GASKETS ____________________________ BY-PASS ____________________________

BRASS BOLTS ____________________________

ALL WATER METERS 1½” OR LARGER SHALL REQUIRE A BYPASS AROUND THE METER. THIS BYPASS MUST BE CAPABLE OF SUPPLYING CONTINUED SERVICE TO THE CUSTOMER DURING METER REMOVAL OR REPLACEMENT.

THE CHART BELOW IS A QUICK REFERENCE TO BYPASS SIZE STANDARDS.

<table>
<thead>
<tr>
<th>METER SIZE</th>
<th>BYPASS SIZE</th>
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<tbody>
<tr>
<td>1½”</td>
<td>1”</td>
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<tr>
<td>2”</td>
<td>1”</td>
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<tr>
<td>3”</td>
<td>2”</td>
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<tr>
<td>4”</td>
<td>3”</td>
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<tr>
<td>6”</td>
<td>4”</td>
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BYPASS VALVE:
(OPU LOCK WILL BE INSTALLED WITH THE VALVE IN THE OFF POSITION)

MAIN WATER SHUT OFF VALVE

VALVE 1

METER

VALVE

INCOMING SERVICE

FLOOR LEVEL

18” ± 3”

1. THE PIPE FROM THE VALVE TO THE METER FLANGE SHALL BE 2.5 PIPE DIAMETERS IN LENGTH (EXAMPLE: 4” PIPE=10” IN LENGTH) ON COMPOUND AND TURBO METERS.

Note: FREE FLOW VALVES MAY BE INCLUDED IN LENGTH.

By signing this document I as the collector of said meter have assured the following specifications will be passed on to the employer and installer. It is the responsibility of the employer of the collector if not the installer sees that all provisions of this detail are met. Installation will be verified by OPU metering personnel and any discrepancy from this detail shall be corrected by the signatory.

INSTALLED LOCATION: ____________________________
COLLECTOR: __________________________________
COMPANY: ____________________________ PHONE #: ____________________________
OPU REPRESENTATIVE: ____________________________ DATE: ____________________________
METER NUMBER: ____________________________