CENTERED IN PARKWAY (PREFERRED) OR MIN. 1' FROM SIDEWALK

ALL SERVICE TAPS ON EXISTING WATER MAIN SHOULD BE DONE WITH A STAINLESS STEEL SMITH BLAIR 317 CONTROLLED OD SERVICE SADDLE

DIRECT TAP INSTALLATION ON NEW DUCTILE IS ACCEPTABLE WATER MAIN (8" MIN.)

TYPE K SOFT COPPER 1" MIN.

MUELLER, FORD, OR A.Y. MCDONALD CURB BOX (72" EXTENDED) CAST WITH BRASS PENTAGON PLUG AND MINNEAPOLIS PATTERN

6" MINIMUM DEPTH

8" MAXIMUM DEPTH

MUELLER, FORD, OR A.Y. MCDONALD CORPORATION STOP COMPRESSSION ONLY

PCC SIDEWALK

CONCRETE BLOCK

NOTES:
1. NO CORPORATION STOPS OR CURB BOXES MAY BE LOCATED UNDER PAVED AREAS INCLUDING DRIVES AND SIDEWALKS.

2. ALL WATER MAIN HARDWARE SHALL BE MUELLER, A.Y. MCDONALD, OR FORD. NO LEAD, COMPRESSION ONLY.

3. SERVICE TO BE CONTINUOUS WITHOUT JOINTS FROM CORPORATION STOP TO CURB STOP AND FROM CURB STOP TO INSIDE OF FOUNDATION.

4. MULTIPLE TAPS INTO MAIN SHALL BE NO CLOSER THAN 2' APART.

5. TRENCH FROM MAIN TO BACK OF SIDEWALK TO BE COMPACTED TRENCH BACKFILL.

6. NO FLARE FITTINGS WILL BE ACCEPTED. COMPRESSION ONLY.

7. ALL CURB BOX ADJUSTMENTS TO BE MADE WITH GALVANIZED PIPE AND COUPLINGS (SCREWED ON).

8. B-BOXES (TWO OR MORE) FOR ALL MULTI-UNIT BUILDINGS MUST BE CLEARLY AND PERMANENTLY LABELED BY WELDING THE UNIT NUMBER/LETTER ONTO THE B-BOX TOP.

<table>
<thead>
<tr>
<th>PART DESCRIPTION</th>
<th>MUELLER CAT. NO</th>
<th>FORD CAT. NO</th>
<th>A.Y. MCDONALD CAT. NO</th>
<th>SERVICE SIZE</th>
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<tbody>
<tr>
<td>CORP. STOP</td>
<td>B-25008</td>
<td>FB1000-Q</td>
<td>4701BQ</td>
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<tr>
<td>DOUBLE STRAP</td>
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<tr>
<td>SERVICE SADDLE</td>
<td>BR 2 S 0884 CC</td>
<td>202BS-750-CC</td>
<td>3855 6</td>
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<td>BR 2 S 0899 CC</td>
<td>202BS-956-CC</td>
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<td>BR 2 S 1104 CC</td>
<td>202BS-1212-CC</td>
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<td>BR 2 S 1314 CC</td>
<td>202BS-1436-CC</td>
<td>3855 12</td>
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<td>STOP CURB</td>
<td>B-25155</td>
<td>B44-M-Q</td>
<td>6104Q</td>
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<tr>
<td>CURB BOX</td>
<td>H-10300</td>
<td>EM2-60-56</td>
<td>5614 1&quot; &amp; 1.25&quot; A.Y. McD.</td>
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<td>H-10300-99002</td>
<td>EM2-60-57</td>
<td>5615 1.25&quot; FORD, 1.5&quot; &amp; 2&quot;</td>
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Revised:
1. 06/12/2015
2. 
3. 
4. 

City of Crystal Lake
Illinois

WATER SERVICE INSTALLATION FOR DUCTILE AND CAST IRON WATER MAIN

Drawing Name: UW-04

Drawing Number: UW-04

Date: 03/17/2014

Drawn: DD
Checked: VR

L:\ENGINEERING AND BUILDING\ENGINEERING DETAILS AND STANDARDS: