FINISH GROUND SURFACE

18"

SPOKED-WHEEL
7” OD x 1/4” PLATE WELDED TO SHAFT EXTENSION

DEPTH GREATER THAN 12 FT REQUIRES WATER DEPARTMENT’S APPROVAL

2” SQUARE OPERATING NUT

SHAFT EXTENSION REQUIRED WHERE TOP OF VALVE IS GREATER THAN 3.5’ BELOW THE FINISH GROUND SURFACE (1 1/4” DIA STD BLACK PIPE PAINTED WITH PRIMER AFTER FABRICATION)

CENTER AND PLUMB OVER OPERATING NUT ON VALVE

VALVE SIZE, STATION, AND LOCATION AS SHOWN ON PLAN AND PROFILE SHEETS.

ADAPT TO OPERATING NUT ON VALVE

VALVE BOX CAP PER CWD-515

8” SPLIT-SLEEVE LINER AND GATE BOX PIPE PER CWD-515

SPOKED-WHEEL DETAIL

BLOCK TO UNDISTURBED SOIL

PROVIDE SUPPORT FOR VALVE OPERATOR WITH MASONRY BLOCKS AND REDWOOD SHIMS.

SECTIONAL VIEW

INDICATE DISTANCE AND VALVE USE

<table>
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<tr>
<th>USE</th>
<th>SYMBOL</th>
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<tr>
<td>MAIN</td>
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<tr>
<td>HYDRANT</td>
<td>FH</td>
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<td>FIRE SERV</td>
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<tr>
<td>AIR VALVE</td>
<td>AV</td>
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<td>BLOW-OFF</td>
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VALVE LOCATION TIES DETAIL (BY CITY FORCES)

15'-M TOP OF CURB

15'-M VALVE BOX

L = "SWING TIE" RADIAL LENGTH IN FT

WATER DISTRIBUTION & TRANSMISSION PIPELINE CONSTRUCTION METHODS

TYPICAL VALVE BOX FOR BUTTERFLY VALVES

CITY OF RIVERSIDE PUBLIC UTILITIES STANDARD DRAWING

1/8/2013  CWD-510

APPROV.  DATE