ERRATA SHEET 1

THE CITY AND BOROUGH OF JUNEAU PUBLICATION August 2011 of the

STANDARD DETAILS

ERRATA DATE: October 26, 2015

The following item of the Standard Details is modified as herein indicated. All other items remain the same. Please make the following correction to your copy of the above mentioned Standard Details.

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<thead>
<tr>
<th>Item No.</th>
<th>Standard No.</th>
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<tbody>
<tr>
<td>1</td>
<td>304A</td>
<td>Type III Catch Basin</td>
<td>Delete in its entirety and replace with Standard 304A, dated August 2015.</td>
</tr>
<tr>
<td>2</td>
<td>407</td>
<td>Mainline Valve</td>
<td>Delete in its entirety and replace with Standard 407, dated August 12, 2015</td>
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<tr>
<td>3</td>
<td>419</td>
<td>Residential Customer Line Water Service Connection</td>
<td>Delete in its entirety and replace with Standard 419, dated August 28, 2015</td>
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By: John Bohan, P.E.
Chief CIP Engineer

Date: 10/26/15

Total number of pages contained in Errata Sheet: 4
FRAME & GRATE

CONCRETE SECTION

OIL-WATER-DEBRIS SEPARATOR REQUIRED (SEE NOTE 0)

CATCH BASIN

NOTES
1. FOR USE WITH TWO INLET/OUTLET PIPES OF DIAMETER 12" OR SMALLER. FOR LARGER AND/OR MORE INLET/OUTLET PIPES OR IF CATCH BASIN IS DEEPER THAN 4' FROM FINISH GRADE TO SUMP, INSTALL A TYPE I OR TYPE II STORM DRAIN MANHOLE (SEE STANDARD 303).
2. ENTIRE KNOCKOUT IS TO BE REMOVED AND SEALED SHUT AROUND PIPE. ALL PIPES ARE TO EXTEND MIN 3" AND MAX 3" INTO CATCH BASIN. GROUT INTERIOR AND EXTERIOR BETWEEN FRAME, SECTIONS, AND CATCH BASIN.
3. FRAME AND GRATE SHALL BE DUCTILE IRON. FRAME MAY BE CAST INTO THE TOP UNIT OR PLACED OVER THE OPENING AS APPROVED BY THE ENGINEER. FRAME AND GRATE SHALL BE OF A TYPE THAT WILL NOT CREATE A HAZARD FOR BICYCLE TRAFFIC.
4. CATCH BASIN SHALL MEET HIGHWAY STANDARD-20 LOAD REQUIREMENTS.
5. MINIMUM STEEL SHALL BE SPECIFIED BY ASTM C-476-69.
6. MINIMUM SUMP DEPTH SHALL BE 16".
7. ADJUSTING RING SHALL BE THE SAME SIZE AS THE CATCH BASIN.
8. THE AREA BETWEEN THE TOP OF THE CATCH BASIN AND THE FRAME SHALL BE FORMED AND FILLED WITH CONCRETE MEETING THE REQUIREMENTS OF CBJ SPECIFICATION 03302 - CONCRETE STRUCTURES. NO BRICKS, WOOD OR OTHER MATERIALS PERMITTED FOR ADJUSTING GRADE.
9. ALL CATCH BASINS THAT EMPTY INTO AN OPEN DRAINAGE SHALL BE FITTED WITH AN OIL-WATER-DEBRIS SEPARATOR DEVICE AS DIRECTED BY THE ENGINEER.

CITY AND BOROUGH OF JUNEAU, ALASKA

TYPE III CATCH BASIN

REVISED:
August 2015

STANDARD 304A
NOTES:
1. A VALVE IS REQUIRED FOR EVERY 500' OF STRAIGHT MAINLINE OR AS DIRECTED BY THE ENGINEER.
2. A MINIMUM OF 2 VALVES ARE REQUIRED AT ALL TEES IN A MAINLINE. A MINIMUM OF 3 VALVES ARE REQUIRED AT ALL 4-WAY PLANTS IN A MAINLINE. TEES AND CROSSING THAT FEED SERVICES AND FIRE HYDRANTS ARE PLACED AS DIRECTED BY THE ENGINEER.
3. MAINLINE VALVES REQUIRE THRUST BLOCKS AT THE DIRECTION OF THE ENGINEER.
4. IF WATER MAIN IS MORE THAN 6' DEEP USE 4" ID CAST IRON SOIL PIPE WITH TOP SECTION EIW 8555 30-R SLIDE VALVE BOX BOTTOM SECTION OR APPROVED EQUAL.
5. THIS DETAIL APPLIES TO ALL MAINLINE VALVES AND ALL WATER VALVES 4" IN DIAMETER OR GREATER.
6. VALVE BOXES TO BE RAISED DURING PAYING OPERATIONS A MINIMUM OF 3/8", MAXIMUM OF 5/8" BELOW FINISHED PAVEMENT. VALVE BOXES THAT DO NOT MEET GRADE SPECIFICATIONS SHALL BE SAWCUT, RAISED TO GRADE AND RESURFACED PER STANDARD DETAIL 126 -- CONCRETE COLLAR.
7. VALVE BOXES WITHIN GRAVEL ROADWAYS ARE TO BE SET 6" TO 8" BELOW FINISHED GRADE.
8. NO MORE THAN 1 VALVE BOX PAYING RISER IS ALLOWED PER VALVE.
9. VALVE BOX COVER SHALL BE 5-1/4" DROP LID TYPE WITH 1" RAISED LETTERING (RECESS FLUSH) AND 2 CLOSED PICKHOLE.

SCALE: NTS
DATE: 9/6/98
CITY AND BOROUGH OF JUNEAU, ALASKA
MAINLINE VALVE

DRAWN BY: TAD
CHECKED BY: STAFF

APPROVED BY: 8-28-15
REVISED: 8/12/2015
STANDARD 407
NOTES:
1. BONDING JUMPER MUST MATCH ELECTRICAL COLD WATER GROUND WIRE. (EXAMPLE: NO. 4 WIRE FOR UP TO 200 AMP SERVICE.) BONDING JUMPER CLAMP MUST BE COMPATIBLE WITH COPPER PIPE.
2. ALL JOINTS OR VALVES ON SERVICE SIDE OF GATE VALVE MUST BE MECHANICAL FITTINGS.
3. ALL COMMERCIAL FACILITIES AND RESIDENTIAL BUILDINGS WITH TWO OR MORE UNITS MUST INSTALL A WATER METER (OBTAINABLE FROM CBW WATER UTILITY). SEE STANDARD 420.
4. ALL UNDERGROUND COPPER TUBE CONNECTIONS (IF ANY) SHALL BE EITHER MUeller OR FORD FLARED UNIONS, FORD GRIP JOINT COMPRESSION FITTINGS OR APPROVED EQUAL. NIBCO BRAND IS NOT AN APPROVED EQUAL.
5. MAINTAIN A MINIMUM OF 2" UNOBSTRUCTED CLEARANCE ABOVE GATE VALVE FOR FUTURE METER.
6. BORING DEPTHS GREATER THAN 5' MAY BE REQUIRED BY THE ENGINEER.
7. CURB BOX MUST BE RESET SO THAT IT IS PLUMB, AND THAW WIRE SHALL BE WOUND AROUND OUTSIDE OF CURB BOX.
8. UNDERGROUND SERVICE LINE SHALL NOT BE WITHIN 18" OF ANY OTHER SERVICE LINE.
9. WRAP BOTTOM OF CURB BOX WITH FABRIC OR PLASTIC PRIOR TO BACKFILLING TO KEEP MATERIAL FROM INFILTRATING THE BOX.