

LEGEND

- ① SERVICE SADDLE DOUBLE STRAP, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS: FORD 202B SERIES OR JONES J979 (DIP, ACP), FORD 202BS SERIES OR JONES J969 (PVC), ROMAC 202N-H SERIES (HDPE).
- ② CORPORATION STOP W/STAINLESS STEEL INSERTS: FORD FB1100-4-NL-CTS OR JONES 1935
- ③ 1 INCH Ø HDPE PIPE. (CTS). PER NOTE G ON SHEET 3.
- ④ ANGLE BALL METER VALVE W/ 1"x1" ANGLE METER STOP AND STAINLESS STEEL INSERTS FORD BA-43-444W-NL-CTS OR JONES 1963W
- ⑤ METER, TO BE FURNISHED BY CITY.
- ⑥ CUSTOMER SERVICE VALVE: FORD B13-444W-NL (HANDLE W/ HB-34) OR JONES 1908.
- ⑦ METER BOX: CHRISTY FIBRELITE FL12TBOX12 OR FL12TBOX18 AS DIRECTED BY THE CITY ENGINEER & FL12D LID (GREY POLYMER LID) OR ARMORCAST 12" X 20" BOX AND POLYMER CONCRETE COVER.
- ⑧ USE COMPRESSION FITTING WITH STAINLESS STEEL INSERTS TO CONNECT TO 1" Ø HDPE. ANY RISER ABOVE GROUND SHALL BE TYPE K COPPER.
- ⑨ CUSTOMER SERVICE LINE PER PLUMBING CODE. ALL ADJUSTMENTS TO CUSTOMER SERVICE LINE SHALL BE MADE OUTSIDE BOX.
- ⑩ LOCATING WIRE PER NOTE I ON SHEET 3.

CITY OF SAN BUENAVENTURA

PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

1" WATER SERVICE CONNECTION WITH 3/4" OR 1" METER

STD. DET. NO.

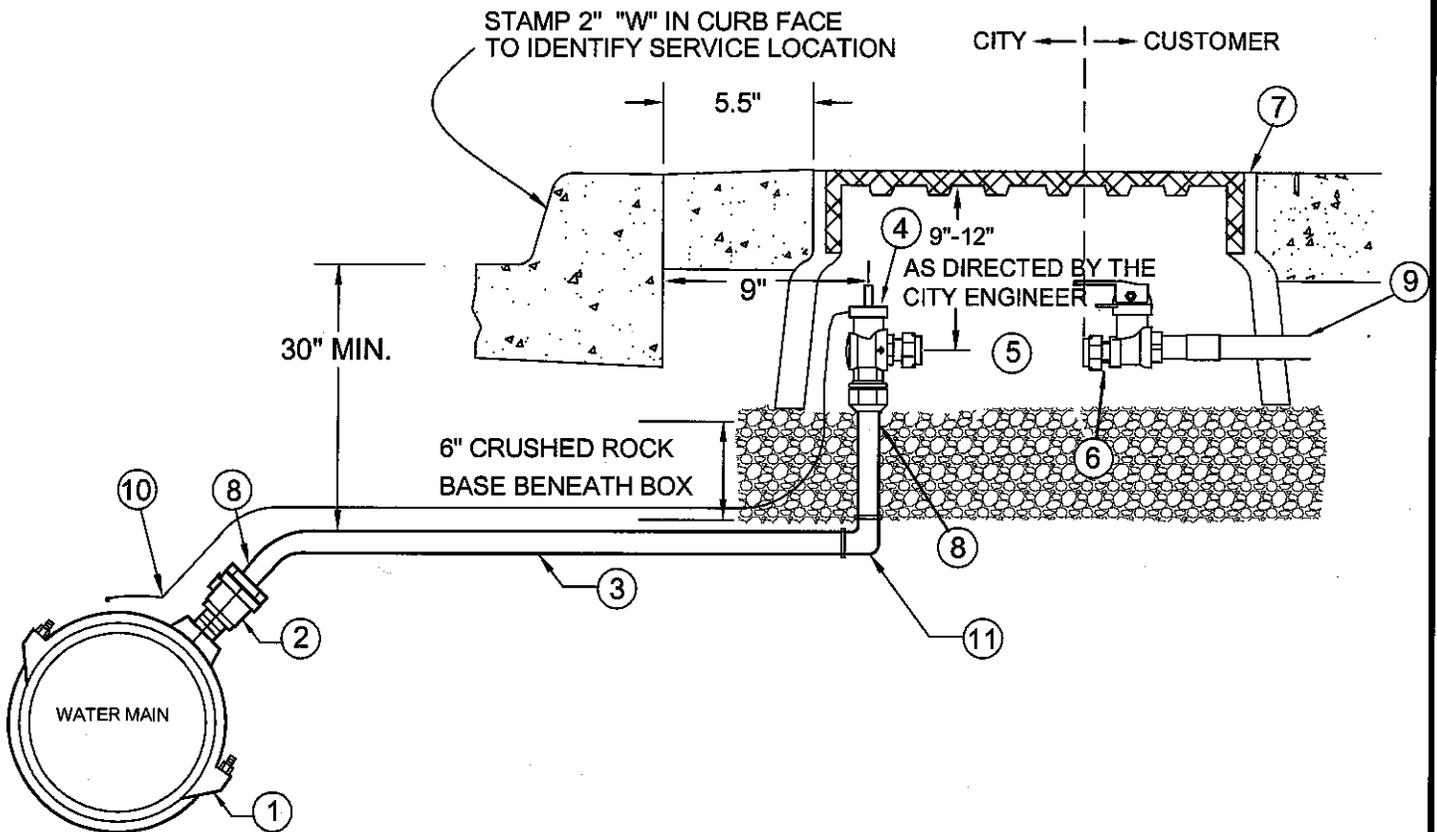
009

APPROVED BY: *[Signature]*
WATER GENERAL MANAGER

APPROVED BY: *[Signature]*
CITY ENGINEER R.C.E. 37084

DATE 7-7-16

SHEET
1 of 3



LEGEND

- ① SERVICE SADDLE DOUBLE STRAP, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS: FORD 202B SERIES OR JONES J979 (DIP, ACP), FORD 202BS SERIES OR JONES J969 (PVC), ROMAC 202N-H SERIES (HDPE).
- ② CORPORATION STOP W/ STAINLESS STEEL INSERTS: FORD FB1100-7-NL-CTS OR JONES 1935
- ③ 2 INCH DIAMETER HDPE PIPE. (CTS). PER NOTE G ON SHEET 3.
- ④ ANGLE BALL METER VALVE WITH 2"x2" ANGLE METER STOP AND STAINLESS STEEL INSERTS: FORD BFA43-777W-NL-CTS OR JONES 1975W
- ⑤ METER, TO BE FURNISHED BY CITY.
- ⑥ CUSTOMER SERVICE VALVE: FORD B13- 444W-NL (HANDLE W/ HB-34) OR JONES 1913W.
- ⑦ METER BOX: CHRISTY FIBRELITE FL36TBOX12 OR FL36TBOX18 AS DIRECTED BY THE CITY ENGINEER & FL36D LID (GREY POLYMER LID) OR ARMORCAST 17" X 30" BOX AND RPM COVER (1-PC SOLID)
- ⑧ USE COMPRESSION FITTING WITH STAINLESS STEEL INSERTS TO CONNECT TO 2" Ø HDPE. ANY RISER ABOVE GROUND SHALL BE TYPE K COPPER.
- ⑨ CUSTOMER SERVICE LINE PER PLUMBING CODE. ALL ADJUSTMENTS TO CUSTOMER SERVICE LINE SHALL BE MADE OUTSIDE BOX.
- ⑩ LOCATING WIRE PER NOTE I ON SHEET 3.
- ⑪ 90° BRASS COMP X COMP, FORD L4477Q-NL.

CITY OF SAN BUENAVENTURA

PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2" WATER SERVICE CONNECTION WITH 1-1/2" OR 2" METER

STD. DET. NO.

009

APPROVED BY:

[Signature]
WATER GENERAL MANAGER

APPROVED BY:

[Signature]
CITY ENGINEER R.C.E. 37064

DATE **7-7-16**

SHEET
2 of 3

GENERAL NOTES

- A. SEE CITY STANDARD DETAIL 001 - GENERAL WATER NOTES
- B. THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE WATER METER.
- C. THE METER WILL BE FURNISHED BY THE CITY AND INSTALLED AND PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL CONNECT SERVICE TO THE CUSTOMER SERVICE VALVE. FOR CAPITAL IMPROVEMENT PROJECTS, THE METER WILL BE FURNISHED AND PAID FOR BY THE CITY AND INSTALLED BY THE CONTRACTOR.
- D. ALL MATERIALS SPECIFIED ON THIS STANDARD SHALL BE AS SHOWN OR APPROVED EQUAL AUTHORIZED BY THE CITY ENGINEER.
- E. ALL CITY COPPER FITTINGS SHALL COMPLY WITH CALIFORNIA ASSEMBLY BILL 1953 (LEAD FREE FIXTURES).
- F. RUBBER WASHERS REQUIRED AT METER COUPLINGS.
- G. FOR EXISTING SERVICES, CONTRACTOR SHALL INSTALL CUSTOMER SERVICE VALVE AS SHOWN AND ADJUST CUSTOMER SERVICE LINE OUTSIDE BOX TO CONNECT TO METER.
- H. HDPE SDR9 (5100 SERIES) PIPE SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS OF THE LATEST REVISIONS FOR THE FOLLOWING STANDARDS: AWWA C-901, ASTM D2737, ASTM D3350, NATIONAL SANITATION (NSF#14 & 61), INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, UNIFORM PLUMBING CODE, PLASTIC PIPE INSTITUTE, PLASTIC PIPE & FITTING INSTITUTE, PLASTIC PIPE & FITTINGS ASSOCIATION.
- I. INSERT STIFFENERS SHALL BE USED AT ALL HDPE TUBING CONNECTIONS. INSERTS SHALL BE SOLID 304 TUBULAR STAINLESS STEEL, DIMPLED & FLANGED TO RETAIN REPLACEMENT WITHIN THE SERVICE LINE & COMPATIBLE FOR USE WITH OTHER FITTINGS.
- J. LOCATING WIRE SHALL BE ATTACHED TO THE EXISTING LOCATING WIRE ON WATERMAIN OR TO THE SERVICE SADDLE WITH AN EXTRA STAINLESS STEEL 5/16" NUT (IF EXISTING TRACING WIRE CANNOT BE LOCATED), EXTEND ALONG THE SERVICE LATERAL AND INTO THE METER BOX. LOCATING WIRE SHALL BE PLASTIC COATED 10 GAUGE SOLID COATED COPPER. EXISTING LOCATING WIRE SHALL NOT BE SPLICED.
- K. NO DIRECT TAPS ON THE MAIN LINE ARE ALLOWED.
- L. WHEN CONNECTING TO CUSTOMER SERVICE LINE, USE COPPER FITTING (SOLDERED) IF EXISTING CUSTOMER SERVICE LINE IS COPPER, USE COMPRESSION COUPLING IF EXISTING CUSTOMER LINE IS GALVANIZE OR STEEL PIPE, OR USE "GLUE" IF EXISTING CUSTOMER SERVICE LINE IS PVC.

CITY OF SAN BUENAVENTURA

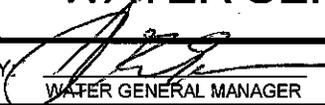
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

WATER SERVICE CONNECTION NOTES

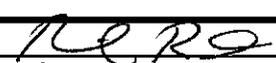
STD. DET. NO.

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APPROVED BY


WATER GENERAL MANAGER

APPROVED BY


CITY ENGINEER R.C.E. 37064

DATE 7-7-16

SHEET
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