

Water Meter Information

1" Meters

These parts are available from Badger Meter, Inc.:

Meter: (.3993) Model 55, Bronze Disc Meter

Register: (.8993) HR-E 8 Dial Register w/ ILC

Fiberglass Rod: (.3752)

Metered in Gallons

These parts are available from Meter, Valve & Control Inc.:

Transmitter: Itron 100W+ ERT (p/n ERW-1300-403)

Leak Sensor: Itron Leak Sensor+

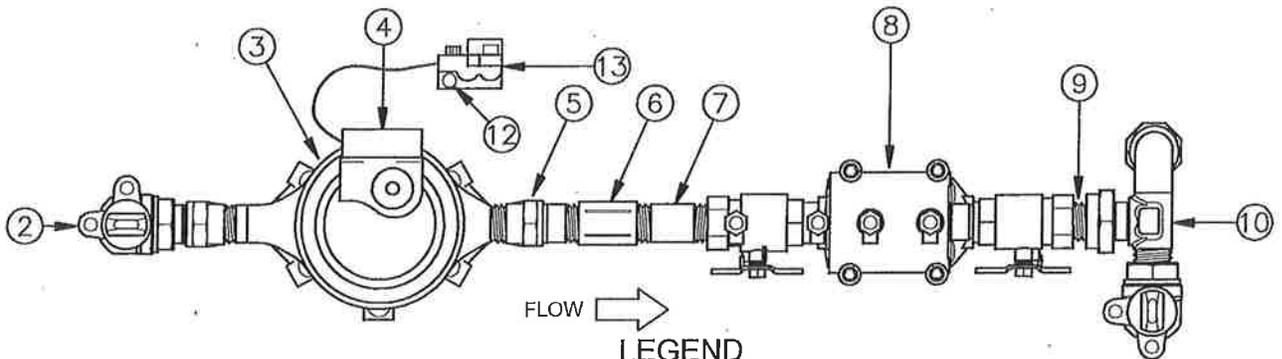
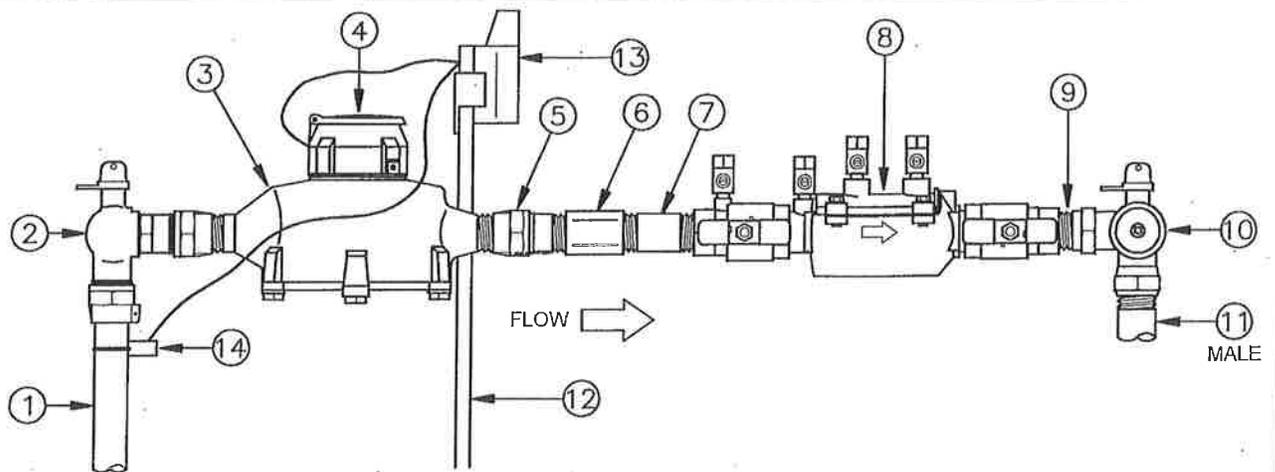
- Leak Sensor kit:
 - (p/n LDS-1601-001) for the sensor
 - (p/n CFG-1601-101) for the mounting bracket

Badger Meter, Inc.

Sean Sears, Sales Support
900 Riverside Pkwy, #30
West Sacramento, CA 95605
Toll Free: 877-348-0700
Office: 707-575-0700
Fax: 707-575-3786
ssears@badgermeter.com
Utilitydist2@badgermeter.com
www.badgermeter.com

Meter, Valve & Control Inc WBE

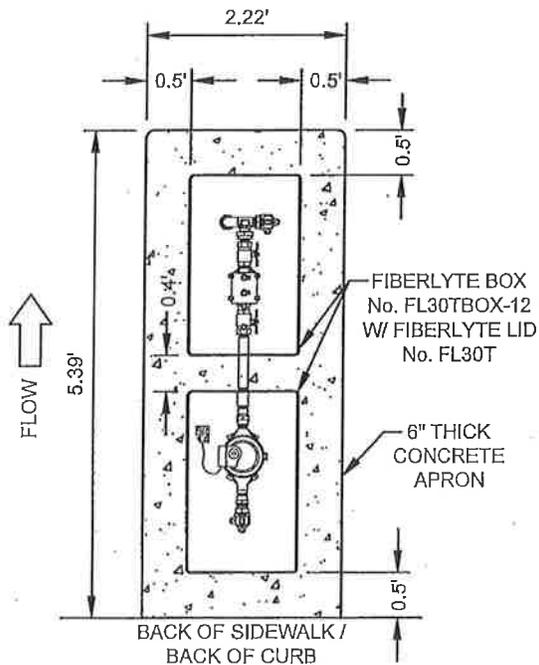
Chris Henrich
1499 Sunnybrook Road, Alamo CA 94507
Office: 877-566-3837
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Fax: 925-407-2903
www.mvandc.com

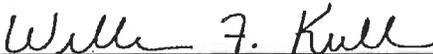


LEGEND

- 1 1" CTS(POLY PIPE) SUPPLY LINE FROM WATER MAIN.
2. FORD 1" ANGLE BALL VALVE - MODEL BA43-444W-NL.
3. BADGER METER - MODEL 55, 1" RECORDALL COLD WATER BRONZE DISC METER WITH BRASS BOTTOM.
4. BADGER METER - HR-E 8 DIAL ENCODER REGISTER WITH ITRON IN-LINE CONNECTOR, GALLONS.
5. FORD METER COUPLING - MODEL C38-44-2-NL.
6. 1" BRASS COUPLING
7. 1" SCH-80 PVC NIPPLE (ADJUST LENGTH TO SPAN SERVICE BETWEEN TWO FIBERLYTE BOXES)
8. WILKINS - DOUBLE CHECK VALVE ASSEMBLY - MODEL 950XLT2 OR 350XLT2.
9. 1" THREADED BRASS NIPPLE.
10. FORD ELL TEE FOR FIRESETTER, 1" IN X 1" OUTLETS - MODEL LTBA 113-444W-AWT-NL, OR EQUIVALENT.
11. (2) 1" SCH-40 SUPPLY LINES TO RESIDENCE - WATER SERVICE AND FIRE SERVICE, OR EQUIVALENT.
12. 18" FIBERGLASS MOUNTING ROD.
13. ITRON 100W+ ERT COMMUNICATION MODULE, SHOULD BE MOUNTED ABOUT 2" BELOW FIBERLYTE, FL-30D LID.
14. ITRON LEAK SENSOR+

NOTE: WATER & FIRE SERVICE ASSEMBLY TO BE SET WITHIN TWO FIBERLYTE BOXES - No. FL30TBOX-12, WITH FIBERLYTE LIDS No. FL30T. BOXES TO BE INSTALLED IN LINE AND ALLOW ACCESS TO ALL VALVES. BLOCK BELOW BOX CUTOUTS WITH PRESSURE TREATED 2x'S.

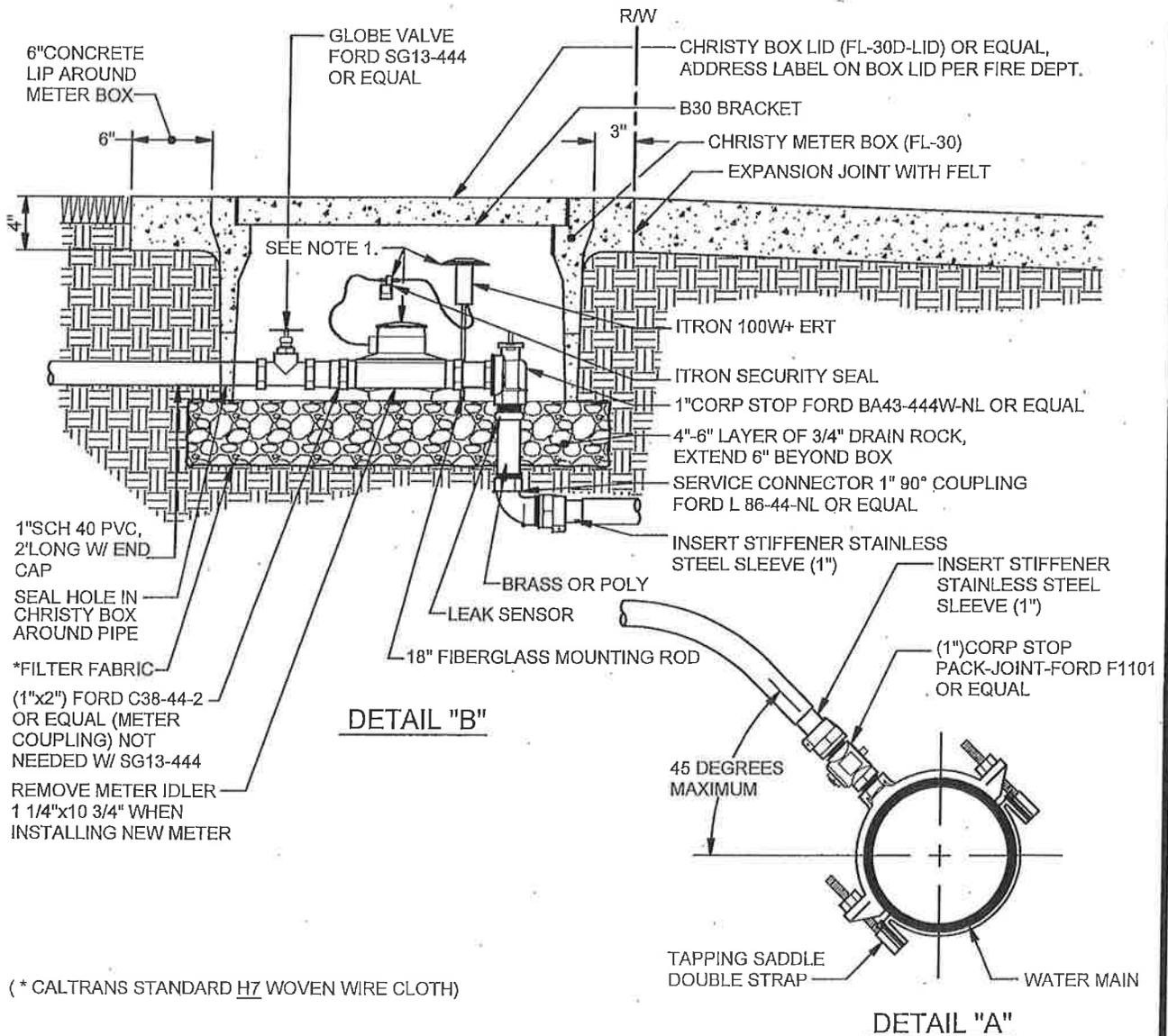


CITY OF RIVERBANK DEPARTMENT OF PUBLIC WORKS			NEW 1" WATER & FIRE SERVICE - RESIDENTIAL	
 CITY ENGINEER - WILLIAM F. KULL			ADOPTED BY CITY COUNCIL	
DRAWN BY: GK	DATE: 12/6/17	SCALE: NTS	2-13-18	
REVISIONS: NONE	SECTION: WATER	DRAWING NAME: 504.DWG	504	

VENDOR:
 CONTACT THE WATER SUPERVISOR
 FOR VENDOR INFORMATION:
 CITY OF RIVERBANK
 6707 THIRD ST (MAILING)
 2901 HIGH ST
 RIVERBANK, CA 95367
 PHONE (209)869-7128

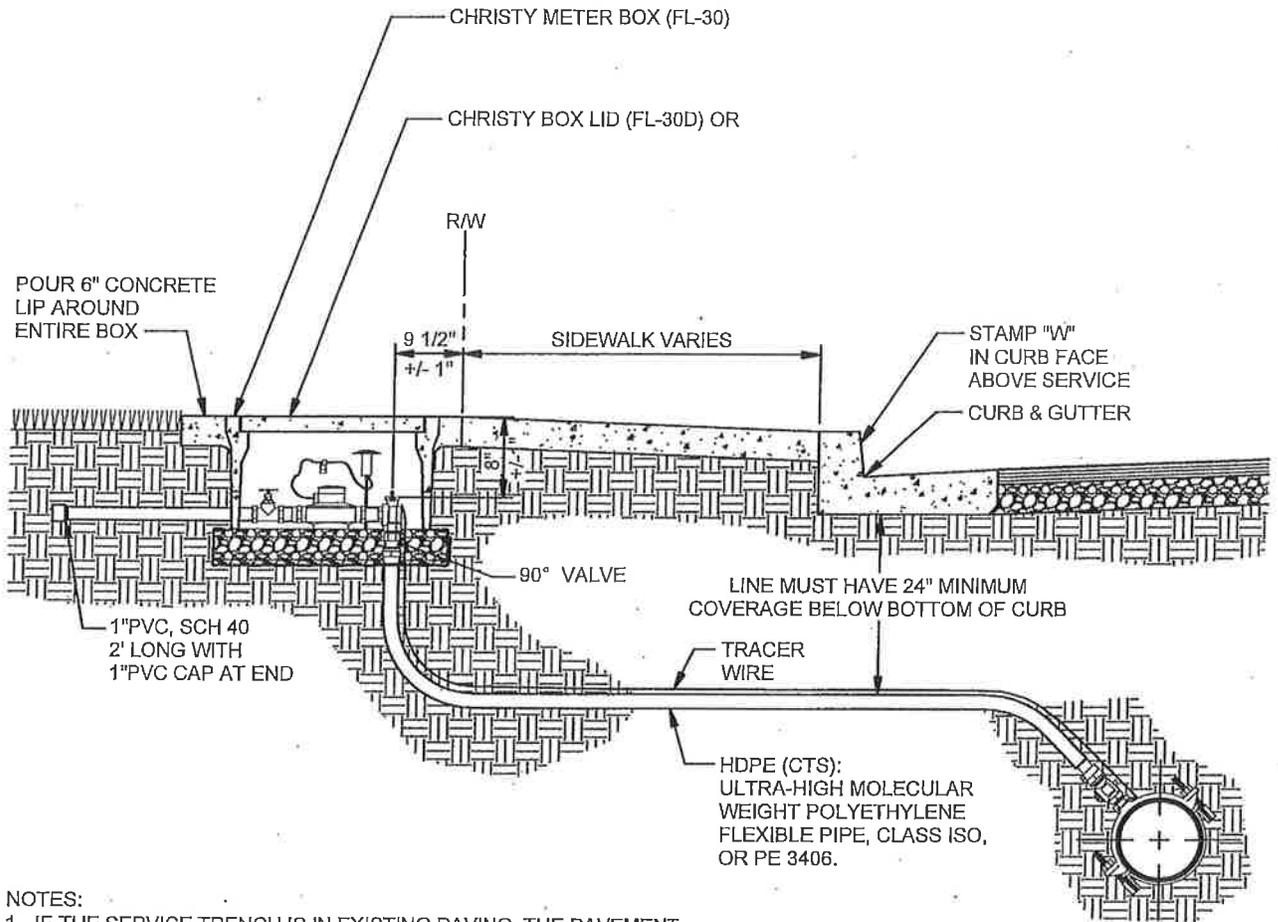
METER INFORMATION:
 1"BADGER METER MODEL 55
 BRONZE DISK METER
 HR-E 8 DIAL REGISTER WITH ILC
 ITRON 100W+ ERT
 ITRON LEAK SENSOR+ METERED IN GALLONS

- NOTES:
1. CONTRACTOR/OWNER TO FURNISH AND INSTALL NEW 1" WATER METER, SENDING UNIT, BRACKET AND SECURITY SEAL PER METER INSTALLATION MANUALS. REFER TO ATTACHED DETAILS.
 2. CITY TO INSPECT INSTALLATION OF METER SENDING UNIT AND LEAK SENSOR, VERIFY METER NUMBER TO HOUSE ADDRESS PRIOR TO HOUSE OCCUPANCY.
 3. CONTRACTOR TO TAKE SPECIAL CARE AS NOT TO CROSS THREAD BRASS FITTINGS ONTO PLASTIC METER. THIS WILL DAMAGE THE METER. PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT (209)869-7128, IF YOU HAVE ANY INSTALLATION QUESTIONS.



(* CALTRANS STANDARD HZ WOVEN WIRE CLOTH)

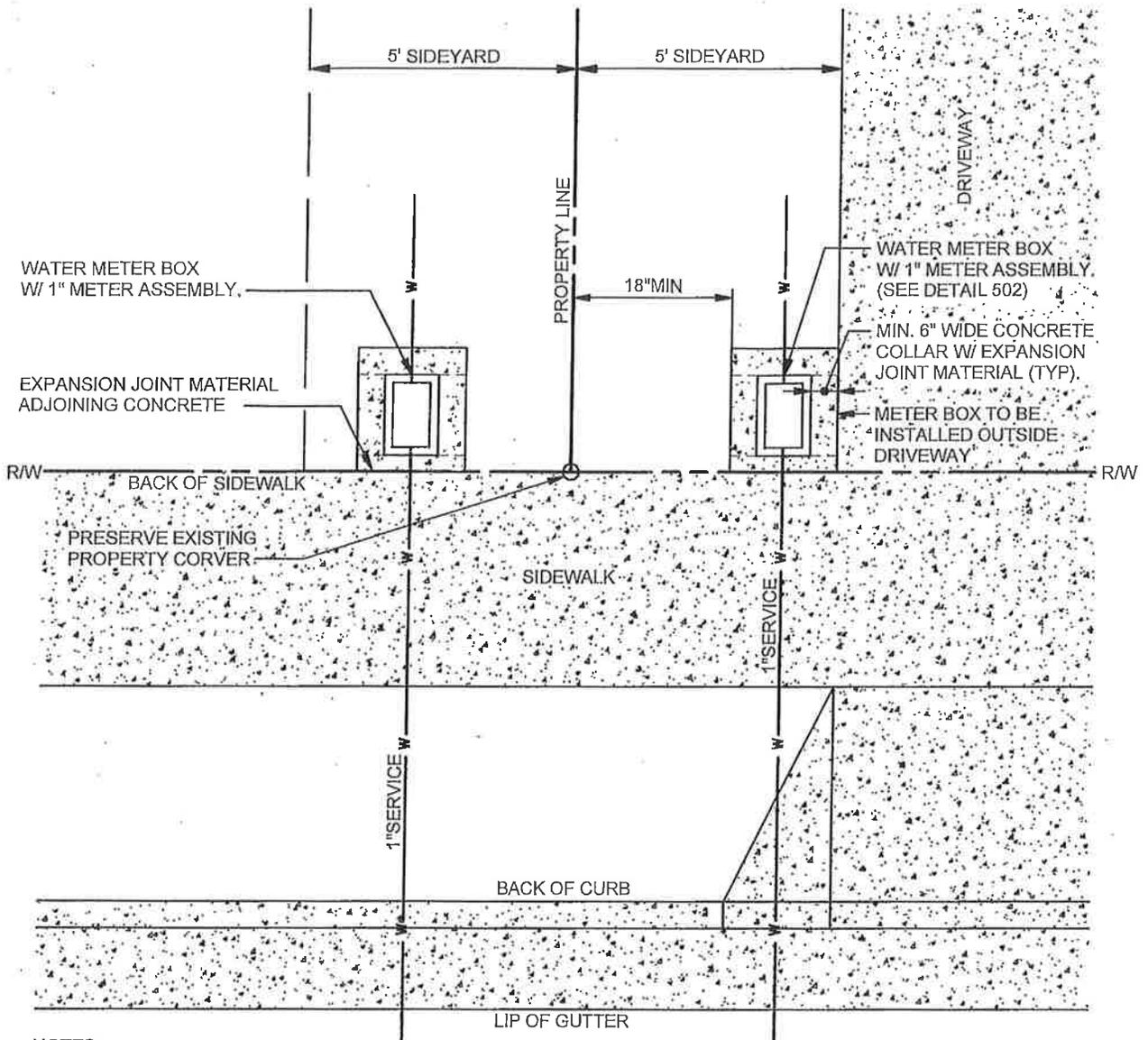
CITY OF RIVERBANK DEPARTMENT OF PUBLIC WORKS			NEW 1" WATER SERVICE RESIDENTIAL	
<i>William F. Kull</i> CITY ENGINEER - WILLIAM F. KULL				
DRAWN BY: GK	DATE: 1/30/18	SCALE: NTS	ADOPTED BY THE CITY COUNCIL:	DRAWING NO.
REVISIONS: NONE	SECTION: WATER	DRAWING NAME: 502.DWG	2-13-18	502



- NOTES:
1. IF THE SERVICE TRENCH IS IN EXISTING PAVING, THE PAVEMENT SHALL BE REPLACED AS PER SPECIFICATIONS FOR MAIN LINE TRENCH.
 2. CONTRACTOR/OWNER SHALL BE RESPONSIBLE FOR DAMAGE TO THE CURB, GUTTER AND SIDEWALK, INCLUDING DRAINAGE FROM SETTING THE TRENCH, IF THEY ARE INSTALLED PRIOR TO TRENCHING.
 3. CURB, GUTTER AND SIDEWALK TO BE INSTALLED AFTER WATER SERVICE INSTALLATION, UNLESS OTHERWISE NOTED.
 4. SERVICE LINE SHALL BE A MINIMUM OF 24" BELOW BOTTOM OF CURB.
 5. ALL FITTINGS TO BE BRASS.

REFER TO (STD 502)

<p align="center">CITY OF RIVERBANK DEPARTMENT OF PUBLIC WORKS</p>			<p align="center">NEW 1" WATER SERVICE RESIDENTIAL</p>	
<p align="center"><i>William F. Kull</i> CITY ENGINEER - WILLIAM F. KULL</p>				
<p>DRAWN BY: GK</p>	<p>DATE: 2/2/18</p>	<p>SCALE: NTS</p>	<p>ADOPTED BY THE CITY COUNCIL:</p>	<p>DRAWING NO.</p>
<p>REVISIONS: NONE</p>	<p>SECTION: WATER</p>	<p>DRAWING NAME: 501.DWG</p>	<p align="center">2-13-18</p>	<p align="center">501</p>



NOTES:

1. THE PREFERRED LOCATION FOR THE NEW RESIDENTIAL WATER SERVICE IS 18" TO 5 FEET OFF THE PROPERTY CORNER AND ON THE OPPOSITE SIDE OF THE LOT FROM JOINT TRENCH SERVICES (CABLE, GAS, ELECTRIC PHONE, AND SEWER). HOWEVER, THIS STANDARD LOCATION MAY BE SHIFTED FURTHER FROM THE PROPERTY LINE AS NECESSARY TO AVOID CONFLICTS WITH OTHER UTILITIES.
2. IN NO CASE SHALL A WATER SERVICE BOX BE LOCATED WITHIN DRIVEWAY, OR WITHIN OTHER AREAS OF ONSITE CONCRETE (i.e. SLABS, SIDEWALKS, DECORATIVE). EXCEPTIONS TO THIS RULE WILL BE GRANTED ONLY WHEN IT IS NOT PRACTICAL OR FEASIBLE TO KEEP THE SERVICE BOX OUT OF THE DRIVEWAY, AND SHALL REQUIRE SPECIFIC APPROVAL BY THE CITY ENGINEER. SERVICES WITHIN DRIVEWAYS, IF ALLOWED, WILL REQUIRE A TRAFFIC RATED BOX AND CAST IRON LID.
3. THE CONTRACTOR IS TO PRESERVE ALL PROPERTY CORNERS. DAMAGED OR REMOVED CORNERS WILL REQUIRE REPLACEMENT BY A LICENSED LAND SURVEYOR, AT THE CONTRACTOR'S EXPENSE.

CITY OF RIVERBANK DEPARTMENT OF PUBLIC WORKS			1" WATER SERVICE METER BOX LOCATION	
CITY ENGINEER - WILLIAM F. KULL			ADOPTED BY THE CITY COUNCIL:	
DRAWN BY:	DATE:	SCALE:	2-13-18	
GK	7/21/15	NTS		
REVISIONS:	SECTION:	DRAWING NAME:	DRAWING NO. 503	
NONE	WATER	503.DWG		