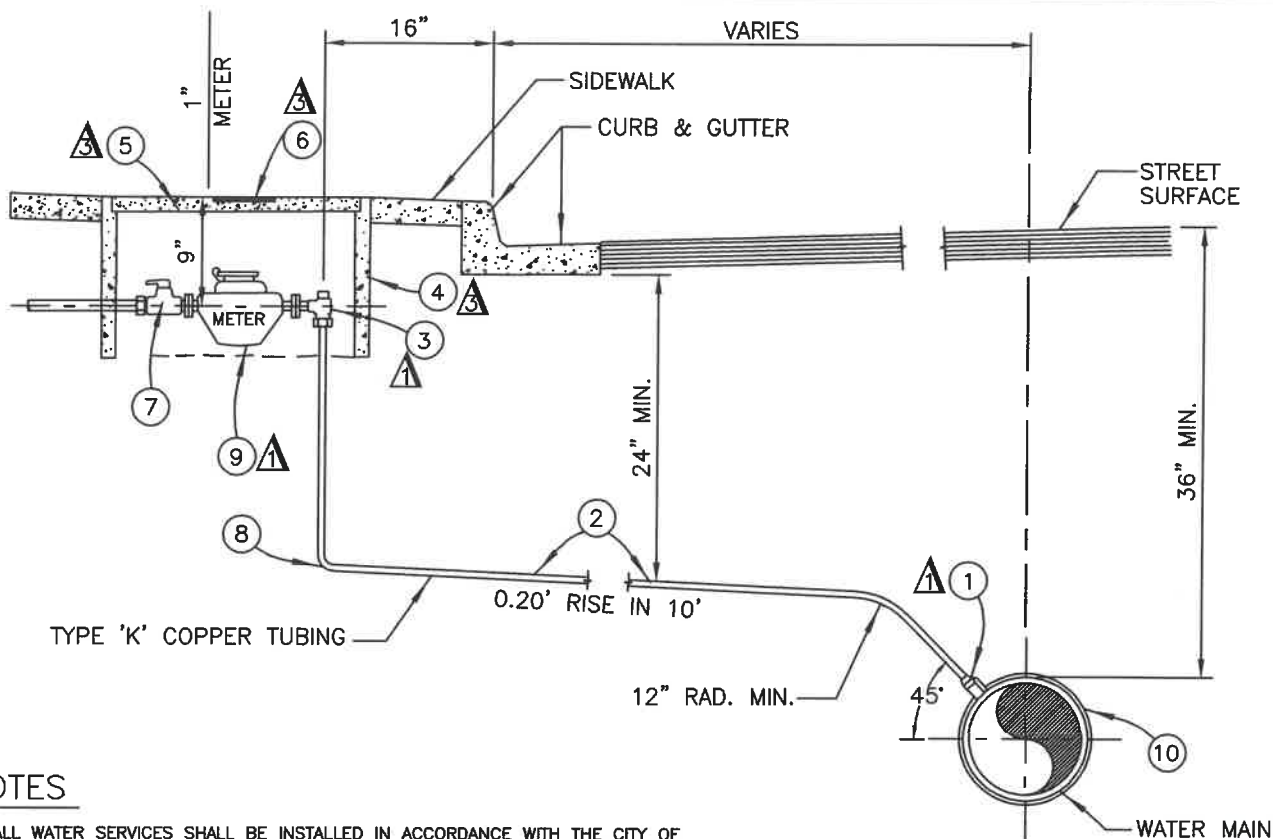




NOTES

1. ALL WATER SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF ARCADIA STANDARD DRAWING 700.
2. ALL TRENCH AND BACKFILL SHALL BE IN ACCORDANCE TO THE CITY OF ARCADIA STANDARD DRAWING 702.
3. NO WATER SERVICE LATERAL OR METER SHALL BE PERMITTED IN ANY DRIVEWAY. NOR SHALL THEY BE LOCATED LESS THAN THREE (3) FEET FROM TOP OF "X" OF ANY DRIVEWAY OR OTHER UTILITY INSTALLATION.
4. COPPER TUBING SHALL BE INSTALLED IN A WORKMANLIKE MANNER. BURIED TUBING SHALL BE INSTALLED AS SHOWN OR AS DIRECTED. BENDS SHALL BE MADE BY THE USE OF FITTINGS OR WITH A BENDING TOOL OF THE PROPER RADIUS TO AVOID FLATTENING OR KINKING THE TUBING. FOR TUBING LARGER THAN 1-INCH DIAMETER, COPPER FITTINGS SHALL BE USED FOR DEFLECTION ANGLES OF 45° OR MORE. TUBING THAT HAS BEEN FLATTENED, KINKED, OR WRINKLED SHALL BE REPLACED. TUBES AND FITTINGS SHALL BE CLEANED OF ALL IMPURITIES BEFORE MAKING JOINTS.
5. SERVICE TAP 45 DEGREES UP

ITEM	DESCRIPTION	MANUFACTURER OR EQUAL
①	1" CORPORATION STOP - CC PIPE THREAD INLET BY CTS COMPRESSION OUTLET	MUELLER P-25008-4N, JONES E1937
②	SERVICE LINE 1" 'K' COPPER TUBING (SOFT)	1"
③	ANGLE METER STOP - BALL VALVE W/ LOCK WING(CTS COMPRESSION INLET X FLG OUTLET)	MUELLER BA43-444W, JONES E4201
④	METER BOX - 12" X 20" X 12" ROTOCAST POLYETHYLENE	ARMORCAST A6000485AX12
⑤	METER BOX COVER - 12" X 20" X 1-3/4" RPM COVER WITH CAVITY	ARMORCAST A6000484DQ
⑥	METER BOX 5" X 7" X 1 1/4" RPM DROP-IN COVER	ARMORCAST A6000487
⑦	1" BRASS BALL VALVE WITH HANDLE, FIP THREAD BY SWIVEL NUT	MUELLER B-24351-330N
⑧	1" 90° SOLDER BEND	
⑨	1" METER - BLMJ METER. ALLEGRO 4G AMI REGISTER CF UNDER THE GLASS	MASTER METER B16-A31-B15-0101A-F
⑩	(SIZE OF MAIN) X 1" DOUBLE STRAP SADDLE WITH CC PIPE THREAD	MUELLER DR2A, FORD F-202, SMITH BLAIR 313, ROMAC



PUBLIC WORKS SERVICES

1" SERVICE CONNECTIONS

APPROVED:

Paul C...
CITY OF ARCADIA-PUBLIC WORKS SERVICES DIRECTOR

DATE

APPROVED:

R. J. Merrill
CITY OF ARCADIA - CITY ENGINEER

73799

RCE No.

DATE

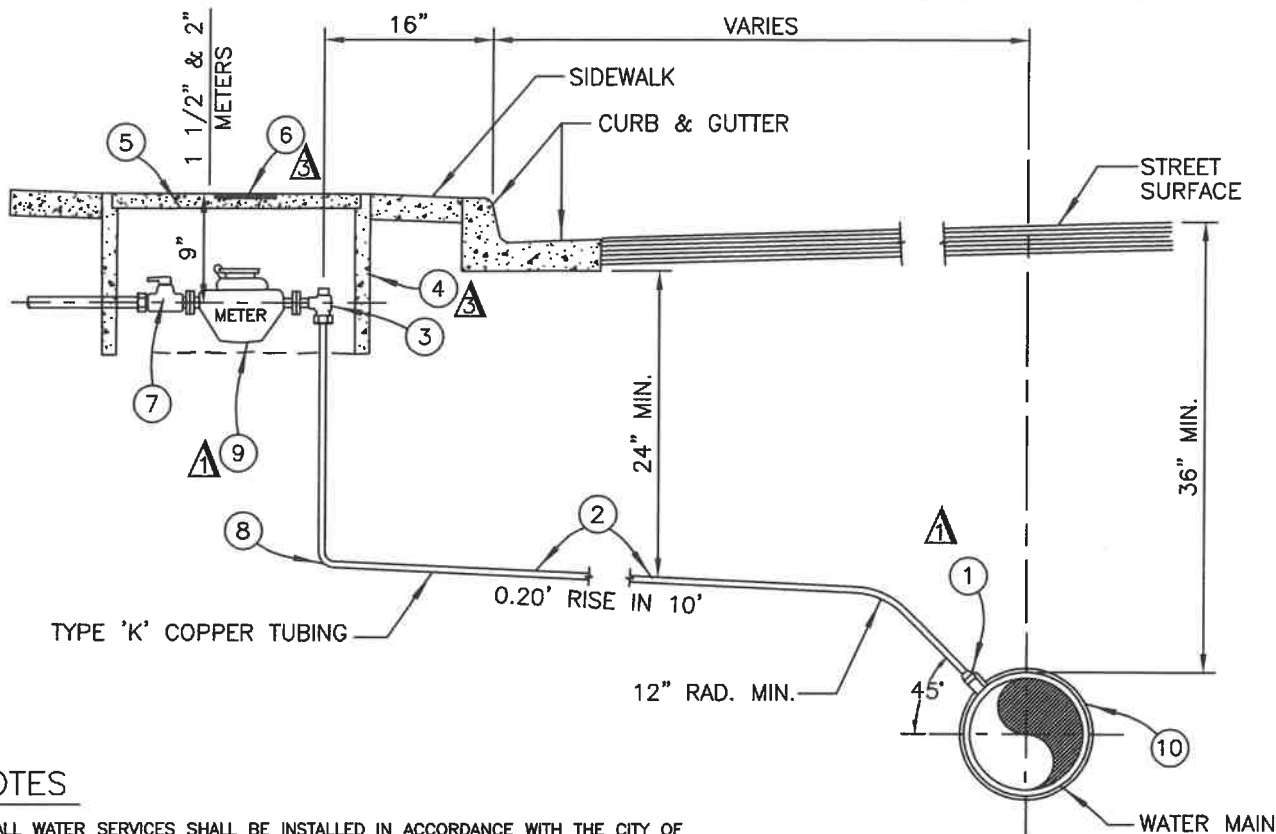
REVISIONS:	DATE	REVISIONS:	DATE
①	10/17/21	③	04/17/23
②	06/08/22	④	

SCALE: NOT TO SCALE

STANDARD PLAN NUMBER

704

SHEET 1 OF 2



NOTES

1. ALL WATER SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF ARCADIA STANDARD DRAWING 700.
2. ALL TRENCH AND BACKFILL SHALL BE IN ACCORDANCE TO THE CITY OF ARCADIA STANDARD DRAWING 702.
3. NO WATER SERVICE LATERAL OR METER SHALL BE PERMITTED IN ANY DRIVEWAY. NOR SHALL THEY BE LOCATED LESS THAN THREE (3) FEET FROM TOP OF "X" OF ANY DRIVEWAY OR OTHER UTILITY INSTALLATION.
4. COPPER TUBING SHALL BE INSTALLED IN A WORKMANLIKE MANNER. BURIED TUBING SHALL BE INSTALLED AS SHOWN OR AS DIRECTED. BENDS SHALL BE MADE BY THE USE OF FITTINGS OR WITH A BENDING TOOL OF THE PROPER RADIUS TO AVOID FLATTENING OR KINKING THE TUBING. FOR TUBING LARGER THAN 1-INCH DIAMETER, COPPER FITTINGS SHALL BE USED FOR DEFLECTION ANGLES OF 45° OR MORE. TUBING THAT HAS BEEN FLATTENED, KINKED, OR WRINKLED SHALL BE REPLACED. TUBES AND FITTINGS SHALL BE CLEANED OF ALL IMPURITIES BEFORE MAKING JOINTS.
5. SERVICE TAP 45 DEGREES UP

ITEM	DESCRIPTION	MANUFACTURER OR EQUAL
①	2" CORPORATION STOP - CC PIPE THREAD INLET BY CTS COMPRESSION OUTLET	MUELLER B25008, FORD FB 1000-7-Q, JONES E1937
②	SERVICE LINE 2" 'K' COPPER TUBING (SOFT)	
③	ANGLE METER STOP - BALL VALVE W/ LOCK WING(CTS COMPRESSION INLET X FLG OUTLET)	MUELLER 24276, FORD BFA 43-777W-Q, JONES J1975WSG
④	METER BOX - 17" X 30" X 12" PEDESTRIAN RATED	ARMORCAST P6001640PCX12
⑤	METER BOX COVER - 17" X 30" X 2" RPM COVER W/DROP-IN CAVITY	ARMORCAST A6001643DZ
⑥	METER BOX 9" X 14" X 1 1/8" RPM DROP-IN COVER	ARMORIST A6000482 LOGO: "WATER"
⑦	2" OR 1-1/2" BRASS BALL VALVE WITH HANDLE, FIP X FLANGE	MUELLER B-24337, FORD BF13-777W-NL, JONES E1913WJ
⑧	2" 90° SOLDER BEND	
⑨	METER 1-1/2" - FLG MJ (MS) METER. ALLEGRO 4G AMI REGISTER CF UNDER THE GLASS	MASTER METER M21-A00-B15-0101A-F
⑨	METER 2" - FLG MJ (MS) METER. ALLEGRO 4G AMI REGISTER CF UNDER THE GLASS	MASTER METER M23-A00-B15-0101A-F
⑩	(SIZE OF MAIN) X 2" DOUBLE STRAP SADDLE WITH CC PIPE THREAD	MUELLER DR2A, FORD F-202, SMITH BLAIR 313, ROMAC



PUBLIC WORKS SERVICES

1-1/2" AND 2" SERVICE CONNECTIONS

APPROVED:

CITY OF ARCADIA-PUBLIC WORKS SERVICES DIRECTOR

DATE

APPROVED:

CITY OF ARCADIA - CITY ENGINEER

73799

RCE No.

DATE

REVISIONS:	DATE	REVISIONS:	DATE
①	10/17/21	③	04/17/23
②	08/08/22	④	

SCALE: NOT TO SCALE

STANDARD PLAN NUMBER

704

SHEET 2 OF 2