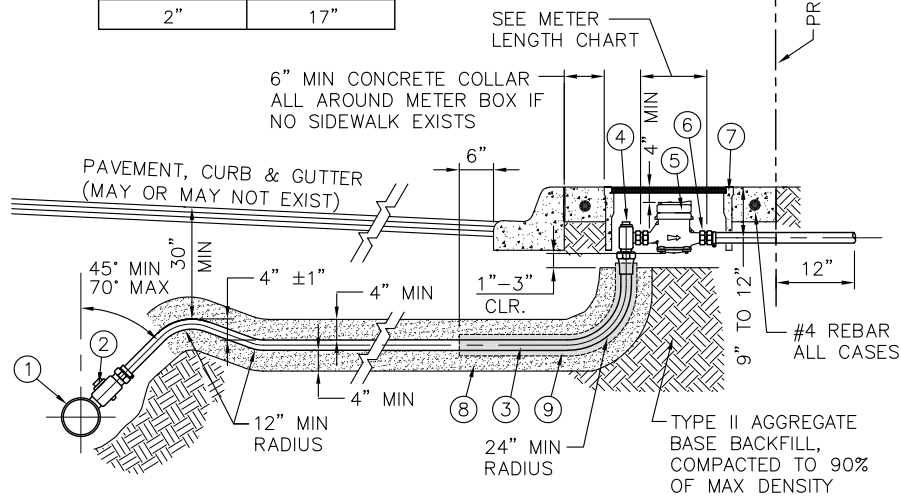


METER LENGTH CHART	
METER SIZE	METER LENGTH
5/8"	7-1/2"
3/4"	7-1/2"
1"	10-3/4"
1-1/2"	13"
2"	17"



ELEVATION

LEGEND:

- ① SERVICE SADDLE
- ② CORPORATION STOP (BALL TYPE)
- ③ SERVICE LATERAL. SIZE TO MATCH METER (1" MIN)
- ④ UPSTREAM BALL ANGLE METER STOP TO MATCH METER SIZE (1" x 1" MIN) WITH LOCK WING AND WITHOUT LEVER HANDLE. FOR ALL 5/8" AND 3/4" METERS USE A 1" x 3/4" ADAPTER
- ⑤ NEW/EXISTING DISPLACEMENT TYPE WATER METER. (DISTRICT PROVIDED, CONTRACTOR INSTALLED AS NECESSARY)
- ⑥ NEW/EXISTING TAIL PIECE
- ⑦ METER BOX INSTALLED AS NEAR TO FUTURE FINAL GRADE POSSIBLE (1" MIN) INSTALLED TO FINAL GRADE WITH CONCRETE COLLAR, MIN THICKNESS TO MATCH EXISTING/FUTURE SIDEWALK
- ⑧ SAND BACKFILL FULL WIDTH OF TRENCH
- ⑨ PREFORMED POLYFOAM PIPE INSULATION (1/2" MIN), MAY BE USED IN LIEU OF SAND BACKFILL AT METER BOX

NOTES:

1. ONE ADDITIONAL FLARED COUPLING, OR COMPRESSION COUPLING IS ALLOWED BETWEEN THE CORPORATION STOP, AND THE ANGLE METER STOP IF THE TOTAL LATERAL LENGTH IS GREATER THAN 40'.
2. CUL-DE-SAC SERVICE LATERALS MUST FOLLOW THE MOST DIRECT ROUTE POSSIBLE BETWEEN SERVICE SADDLE AND ANGLE METER STOP, HORIZONTAL BENDING RADIUS ALLOWED FOR 1" TUBING IS 12" MIN. AND 24" MIN. FOR 1-1/2" AND 2" TUBING. MAXIMUM DEFLECTION ANGLE ALLOWED IS 90°.
3. PROTECT SERVICE LATERAL DURING CONSTRUCTION. DAMAGED SERVICE ENTIRE LATERAL REPLACEMENT FROM ANGLE LATERALS WILL REQUIRE METER STOP TO CORPORATION STOP.
4. FLUSH LATERAL PRIOR TO SETTING METER.
5. WITHIN METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS EXISTING OR FUTURE SIDEWALK AREAS.
6. INSTALL SAND BACKFILL AROUND WATER SERVICE LATERAL PRIOR TO INSTALLATION OF TRENCH BACKFILL WHEN CLSM IS USED OR REQUIRED.
7. ALL COPPER TUBING SHALL BE WRAPPED WITH TWO (2) LAYERS OF SIX (6) MIL POLYETHYLENE AND BACKFILLED ALL AROUND WITH 4" MINIMUM OF SAND.
8. CONTRACTOR SHALL HAVE A PROFESSIONAL LAND SURVEYOR ESTABLISH CORRECT LOCATION OF METER AND CONCRETE COLLAR (AS COORDINATED WITH LVVWD INSPECTOR AND HOME OWNER) WITHIN RIGHT-OF-WAY OR EASEMENT AREAS.
9. SEE APPROVED PRODUCTS LIST AND SPECIFICATION FOR ALL MATERIALS. SUBMIT SHOP DRAWINGS AS REQUIRED.

## SERVICE INSTALLATION FOR 5/8", 3/4", 1", 1-1/2", AND 2" METER SIZES

NOT TO SCALE

PL16-1

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