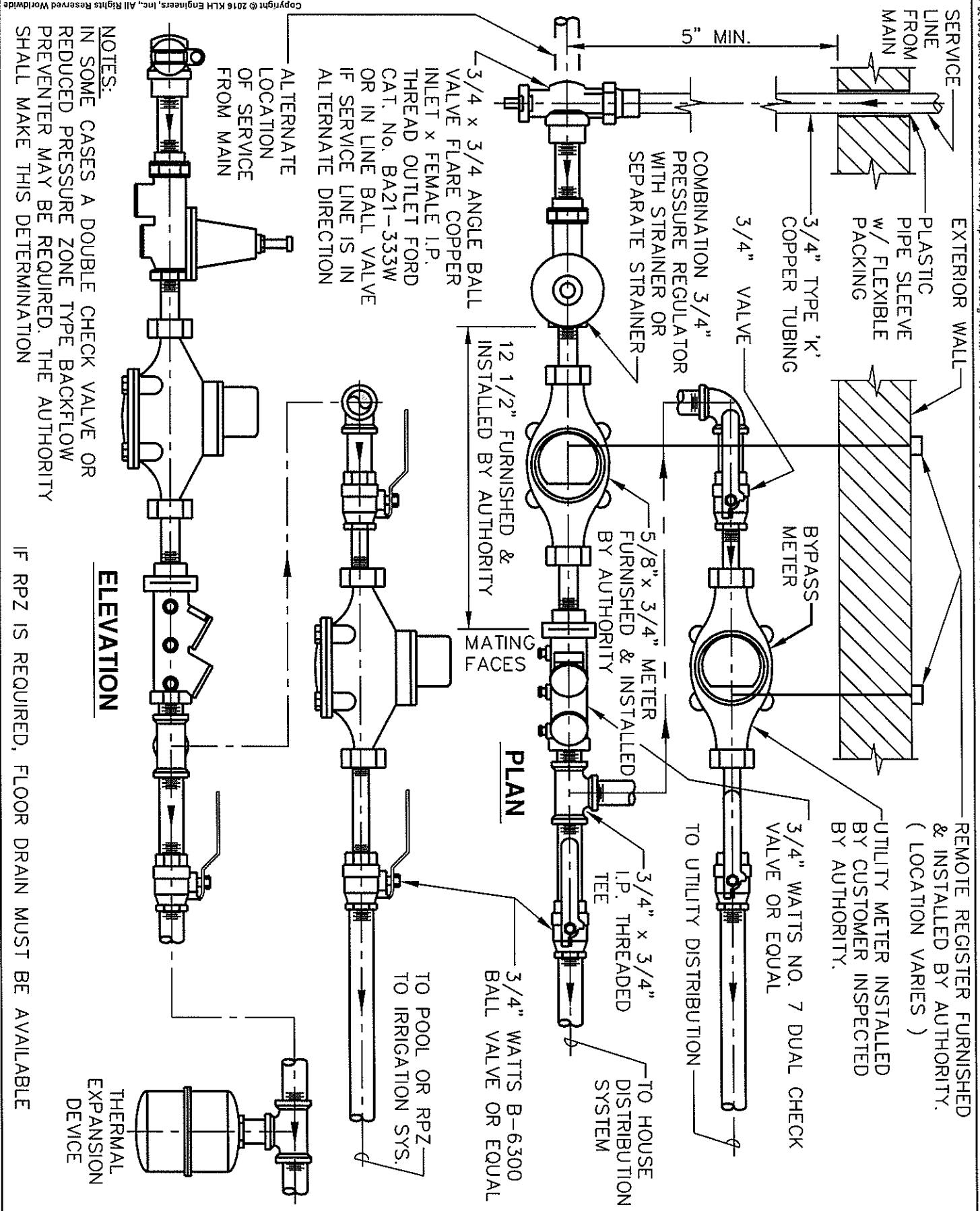


K LH ENGINEERS, INC. 5173 Campbells Run Road Pittsburgh, PA 15205		Not to scale
JUNE 2017		Standard Detail SD-W-13
FINDLAY TOWNSHIP MUNICIPAL AUTHORITY		TYPICAL DUAL METER INSTALLATION DETAIL



NOTES:  
 IN SOME CASES A DOUBLE CHECK VALVE OR REDUCED PRESSURE ZONE TYPE BACKFLOW PREVENTER MAY BE REQUIRED. THE AUTHORITY SHALL MAKE THIS DETERMINATION

ELEVATION

IF RPZ IS REQUIRED, FLOOR DRAIN MUST BE AVAILABLE

EXTERIOR WALL

PLASTIC PIPE SLEEVE W/ FLEXIBLE PACKING

3/4" TYPE "K" COPPER TUBING

3/4" VALVE

COMBINATION 3/4" PRESSURE REGULATOR WITH STRAINER OR SEPARATE STRAINER

5/8" x 3/4" METER FURNISHED & INSTALLED BY AUTHORITY

BYPASS METER

3/4" WATTS NO. 7 DUAL CHECK VALVE OR EQUAL

TO UTILITY DISTRIBUTION

3/4" WATTS NO. 7 DUAL CHECK VALVE OR EQUAL

TO HOUSE DISTRIBUTION SYSTEM

3/4" x 3/4" I.P. THREADED TEE

3/4" WATTS B-6300 BALL VALVE OR EQUAL

TO POOL OR RPZ TO IRRIGATION SYS.

THERMAL EXPANSION DEVICE

12 1/2" FURNISHED & INSTALLED BY AUTHORITY

MATING FACES

PLAN

ALTERNATE LOCATION OF SERVICE FROM MAIN

3/4" x 3/4" ANGLE BALL VALVE FLARE COPPER INLET x FEMALE I.P. THREAD OUTLET FORD CAT. No. BA21-333W OR IN LINE BALL VALVE IF SERVICE LINE IS IN ALTERNATE DIRECTION

REMOTE REGISTER FURNISHED & INSTALLED BY AUTHORITY. (LOCATION VARIES)

UTILITY METER INSTALLED BY CUSTOMER INSPECTED BY AUTHORITY.

3/4" MIN.

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