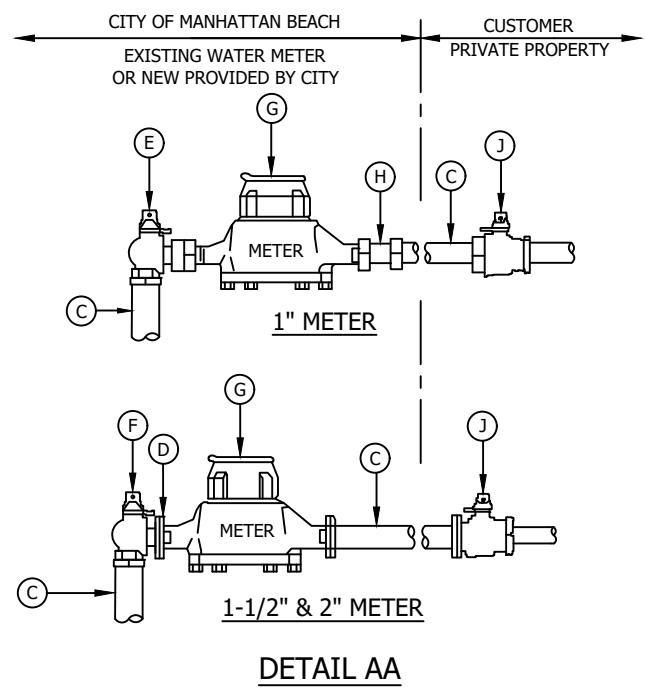


METER SIZE	METER BOX SIZE
1"	21"x14"x12"
1-1/2"	27"x17"x12"
2"	30"x19"x14"

ITEM	MATERIAL
(A)	SERVICE CLAMP: (CC) THREAD, ALL BRASS DOUBLE STRAP OR 6" STAINLESS STEEL SERVICE SADDLE MUELLER BR2B OR APPROVED EQUAL. SINGLE STRAP FOR 4" THROUGH 8" PIPE. DOUBLE STRAP FOR 12" PIPE.
(B)	CORPORATION STOPS: (CC) THREAD x M.I.P. OR FLARE STYLE SIMILAR TO MUELLER H-15000N OR H-9996N OR APPROVED EQUAL.
(C)	COPPER PIPE, 1-1/2" OR 2" DIA. ASTM B88 TYPE K. SERVICE RUN TO BE ONE CONTINUOUS PIECE OF SOFT COPPER TUBING.
(D)	BOLTS, NUTS & WASHERS
(E)	CAST BRONZE METERBALL VALVE WITH LOCKWING, STYLE SIMILAR TO FORD AMS FLR KV23-444W-NL 1", F.I.P.T. x SWIVEL NUT
(F)	CAST BRONZE METERBALL VALVE WITH LOCKWING, STYLE SIMILAR TO FORD AMS FLR KV23-444W-NL 1", F.I.P.T. x METER FLANGE
(G)	METER*: SEE DETAIL AA.
(H)	STRAIGHT METER COUPLING, SWIVEL NUT x M.I.P.T - 1 1/2" LONG
(I)	METER BOX SUPPLIED BY CITY
(J)	CUSTOMER SHUTOFF VALVE
(K)	BEND: COPPER x SWEAT
(L)	6" THICK BASE OF 3/4" CRUSHED ROCK.
(M)	FLARE ONLY
(N)	EXISTING WATER MAIN

*EXISTING WATER METER OR NEW PROVIDED BY CITY



- NOTES:**
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE GREEN BOOK) MOST RECENT EDITION, AND ALL SUPPLEMENTS THERETO OR AS MODIFIED BY THE ENGINEER.
 - ALL FITTINGS AND PIPE SHALL BE 1.5"-2" DIAMETER.
 - METER AND BOX LOCATION ARE PER APPROVED PLANS OR AS DIRECTED BY CITY ENGINEER.
 - MINIMUM 10' OF COPPER REQUIRED AFTER METER (DOWNSTREAM).
 - WRAP ALL SERVICE LATERAL PIPING WITH 8 MIL POLYETHYLENE.
 - ALL PIPING SHALL BE RATED FOR 300 PSI.
 - ALL SERVICE LATERAL ASSEMBLIES SHALL BE NSF 61, ANNEX G AND CALIFORNIA AB1953 COMPLIANT.
 - DOUBLE STRAP TO BE STAINLESS STEEL FOR ALL PIPE.


NOT TO SCALE



DATE REVISED	
03-04-2021	

**CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS**

**1", 1-1/2", & 2" COPPER BRANCH SERVICE
(1-1/2" SERVICE FOR 1-1/2" WATER METER, 2" SERVICE FOR 2" WATER METER)**

APPROVED BY	STANDARD PLAN NUMBER
	MBWS-706A-0 (ST-22)
PREM KUMAR, CITY ENGINEER	SHEET 1 OF 1
3/15/2021	DATE