

RING & LID FOR 1" METER BOX  
(NOT TRAFFIC RATED)

Replace meter setter, box, ring & lid

If required, relocation of water meters and replacement of water service lines in conflict with construction of this project will be accomplished in conjunction with construction. Location of meter(s) will be typically set at least 2.3' from the back of new curbline to the centerline of meter box unless otherwise as directed by the Field Engineer. The top of the meter box to be field set to match finish grade elevations.

If relocation of water meters is not required, the new meter box shall be set to match finish grade elevations in place.

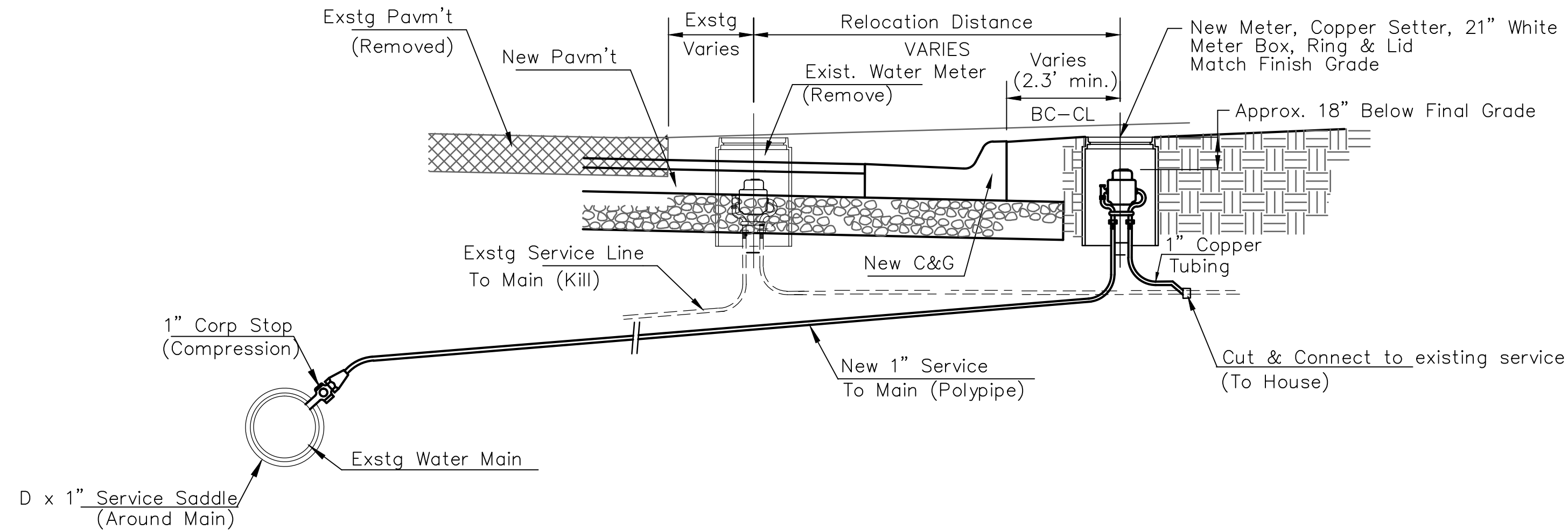
Connect new service line to existing main with a 1" compression corp stop and a service saddle around the main. Or new service line extensions can be spliced using Brass "Sharkbite" fittings (or approved equal).

All work and materials required is to be **INCIDENTAL** to the quantity item "Service Line, Long 1" (EA.)"

Existing meter boxes requiring adjustment to match the new grade but not requiring a new service shall be adjusted in place in conjunction with construction as required.

All work and materials required is to be **INCIDENTAL** to the quantity bid item "Water Meter Adjusted (Ea.) or Water Meter Relocated (Ea.)"

NOTE: All equipment, fittings, material and workmanship to meet the latest Specifications and requirements of the City of Wichita and the Wichita Water Utility.



**TYPICAL WATER METER SERVICE & RELOCATION DETAIL**

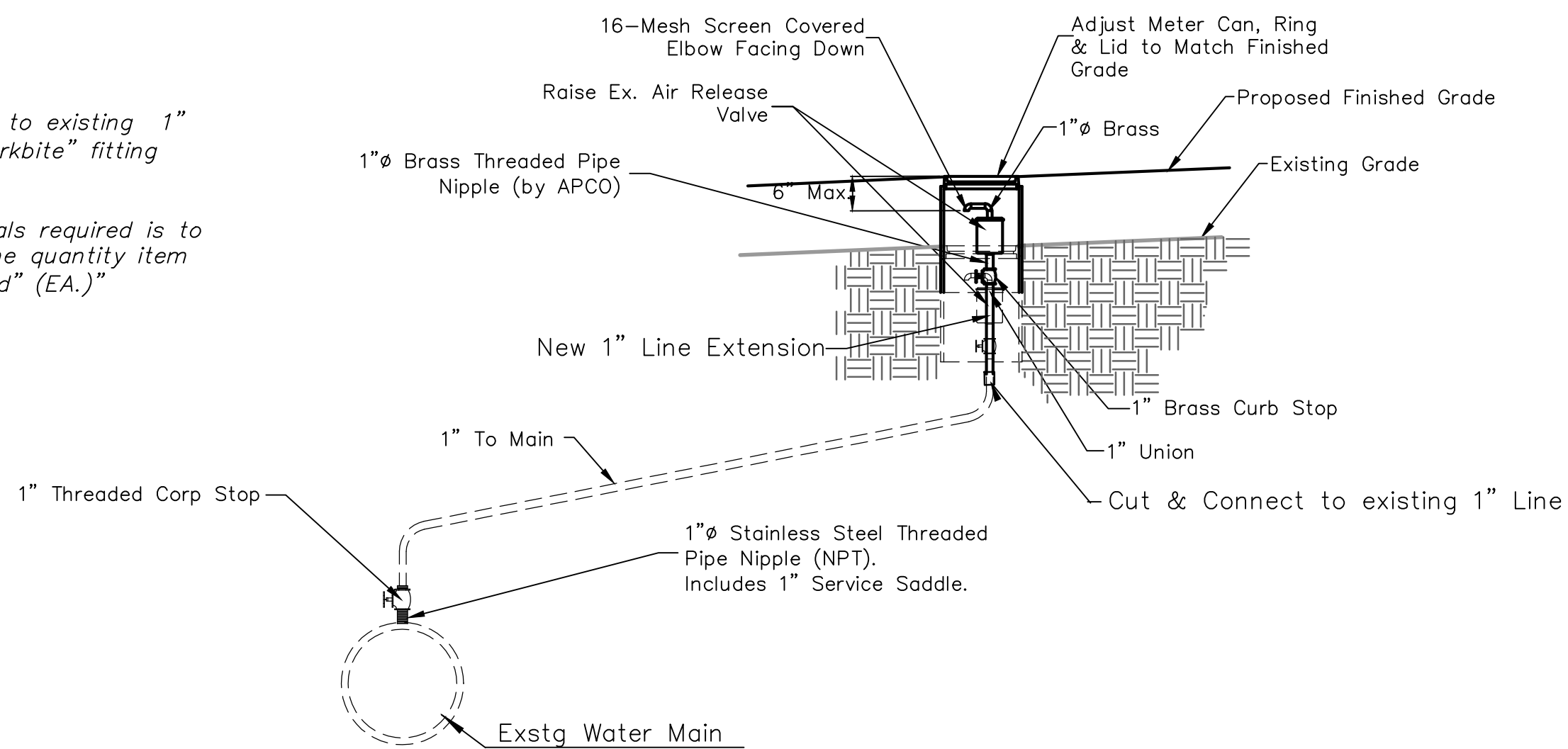
WATER METER RELOCATION & ADJUSTMENT TABLE							
Ex. Station	Street	Ex. Offset	Prop. Offset	Ex. Elevation	Prop. Elevation	Remarks*	**Services
19+21	29th Street	32' Lt.	-	1326.94	1328.44	Adjust Air Release	-
20+17	29th Street	35' Lt.	-	1326.90	1327.39	Adjust	-
23+01	29th Street	30' Rt.	-	1327.07	1326.70	Adjust	Long, 1"
25+69	29th Street	38' Rt.	-	1326.00	-	-	Long, 1"
42+31	29th Street	23' Rt.	30' Rt.	1329.87	1328.74	Relocate	Long, 1"
51+87	29th Street	26' Rt.	30' Rt.	1331.02	1329.70	Relocate	Long, 1"
52+18	29th Street	30' Rt.	-	1331.34	1330.10	Adjust	Long, 1"
55+19	29th Street	20' Lt.	25' Lt.	1329.70	1328.62	Relocate	Long, 1"
61+78	29th Street	28' Lt.	-	1325.50	1326.80	Adjust	Long, 1"
63+24	29th Street	20' Lt.	30' Lt.	1327.42	1328.55	Relocate	Long, 1"
64+41	29th Street	19' Lt.	30' Lt.	1330.41	1330.50	Relocate	Long, 1"

\*\*Services - These need to be adjusted to go around new Storm Water Sewer lines.

\*Water Meter Elevations need to be approximately 18" below final grade.

Connect new 1" line to existing 1" line with Brass "Sharkbite" fitting (or approved equal).

All work and materials required is to be **INCIDENTAL** to the quantity item "Air Release Adjusted" (EA.)"



**AIR RELEASE ADJUSTMENT DETAIL**

**29th Street North Water Line Project**

RECAPITULATION OF PROJECT QUANTITIES		
ITEM	QUANTITY TOTAL	UNIT
MEASURED QUANTITY BID ITEMS		
PIPE, WL 20"	140	Ft.
PIPE, WL D.I.C.L. 20"	4	Ft.
PIPE, WL 16"	155	Ft.
PIPE, WL D.I.C.L. 16"	11	Ft.
FIRE HYDRANT REMOVAL	1	Each
FIRE HYDRANT ASSY.	1	Each
VALVE ASSEMBLY, ANCHORED 16"	1	Each
VALVE ASSEMBLY, BLOWOFF (2")	1	Each
SERVICE LINE, LONG 1"	9	Each
METER BOX ADJUSTED	4	Each
METER BOX RELOCATED	5	Each
AIR RELEASE ADJUSTED	1	Each
VALVE ABANDONED (6" Plug in Valve)	1	Each
A.C. PAVEMENT REMOVED & REPLACED	15	S.Y.
SAND BACKFILL (Flushed & Vibrate)	91	L.F.

