

# METROPOLITAN UTILITIES DISTRICT

## CONSTRUCTION STANDARD FOR: EXCAVATIONS FOR TAPPING SLEEVES AND TEES WITH VALVES

No. 1.10.1  
Page: 1 of 2  
Effective: 12-15-00

Prepared by: WRT

Supersedes: 6-1-97

Approved by: JGL

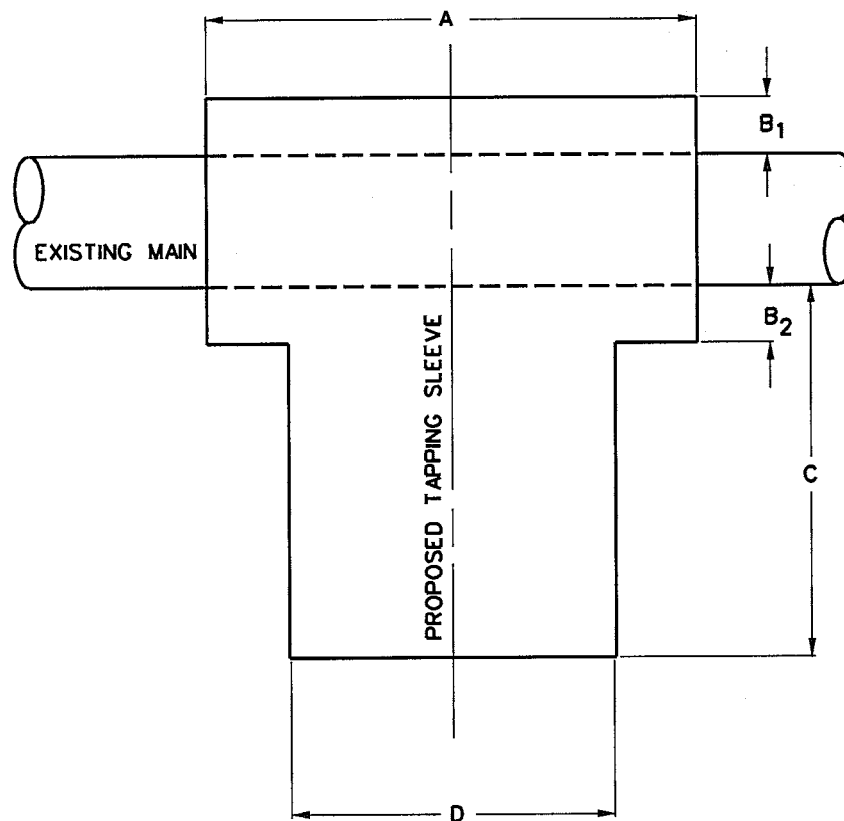
### GENERAL

This Standard covers the MINIMUM excavation required for the installation of a tapping sleeve and valve or a tee and valve on water mains.

The minimum sizes shown in this Standard shall be followed by the Metropolitan Utilities District and by plumbers requesting the District to install tapping sleeves and valves or tees and valves.

All excavations shall be shored or sloped per OSHA regulations.

### EXCAVATION FOR TAPPING SLEEVE AND VALVE



MAIN SIZE	A	B <sub>1</sub>	B <sub>2</sub>	C	D	EXCAVATE BELOW MAIN
4" thru 10"	3'-0"	1'-6"	1'-6"	7'-0"	3'-0"	1'-6"
12"	4'-0"	1'-6"	1'-6"	7'-0"	3'-0"	1'-6"
14" thru 16"	6'-0"	1'-6"	1'-6"	7'-0"	3'-0"	1'-6"

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**CONSTRUCTION STANDARD FOR: EXCAVATIONS FOR TAPPING  
SLEEVES AND TEES WITH VALVES**

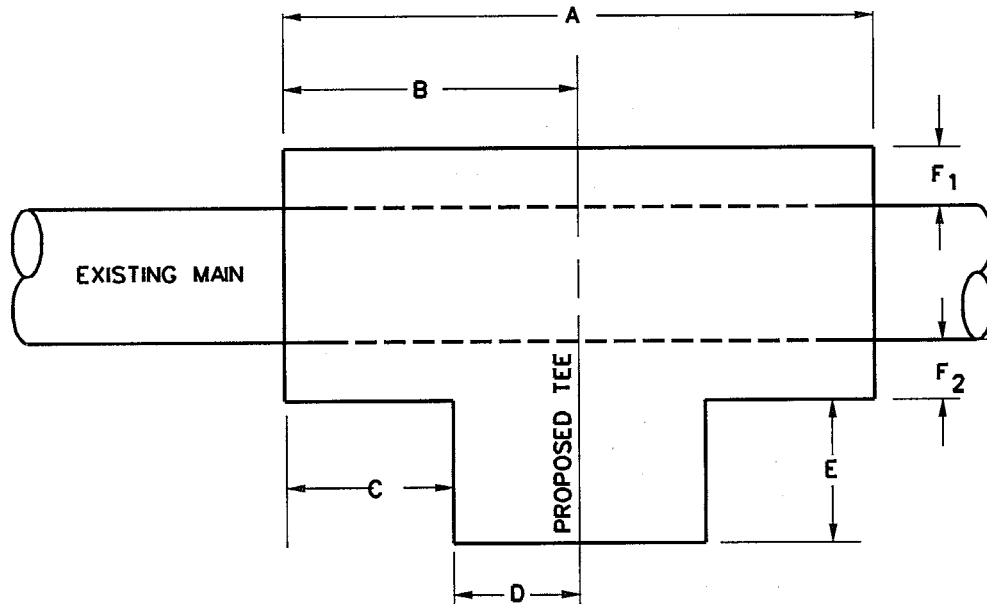
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**EXCAVATION FOR TEE AND VALVE**



MAIN SIZE	A	B	C	D	E	F <sub>1</sub>	F <sub>2</sub>	EXCAVATE BELOW MAIN
4" thru 10"	8'-0"	4'-0"	3'-3"	1'-6"	1'-6"	1'-6"	1'-6"	1'-6"
12" thru 16"	9'-0"	4'-6"	3'-3"	1'-6"	1'-6"	1'-6"	1'-6"	1'-6"
18" thru 24"	10'-0"	5'-0"	3'-9"	1'-6"	3'-0"	2'-0"	2'-0"	2'-0"