



⑭ INSTALL PER CWD-500

FINISH GROUND SURFACE

CURB FACE

PROPERTY OR ROW LINE

30" MAX

VARIABLE  
24" MIN.

1 CU FT SUPPORT  
POURED AGAINST  
UNDISTURBED SOIL  
PCC 450-C-2000

ⓑ "H" DIMENSION  
PER PLANS

CONTINUOUS  
UP GRADE

PROFILE VIEW  
NTS

BILL OF MATERIALS

ITEM	QUANTITY	REFERENCE
① BRONZE DOUBLE-STRAP SERVICE SADDLE (IPT)	1	
② 2" BALL CORP STOP (MIPT x MIPT)	1	
③ 2" ANGLE BALL WITH 2" OPERATING NUT (FIPT x FIPT)	1	
④ 2" TYPE K COPPER PIPE (SOFT)	VARIES	
⑤ 2" COPPER 90° ELL (SW x SW)	1	
⑥ 2" HARD DRAWN COPPER PIPE, TYPE K	VARIES	
⑦ 2" UNIVERSAL AIR VALVE	1	
⑧ 2" GALVANIZED STREET ELL	2	
⑨ 2"φ x 3" CLOSE NIPPLE	1	
⑩ 1/4" BRASS GATE VALVE, 1/4" BRASS PLUG, 1/4" x 2" BRASS NIPPLE, 1/4" BRASS STREET ELL	1 EA	
⑪ 2" TEMP GATE VALVE & NIPPLE FOR FLUSHING & SAMPLING		
⑫ 2"φ x 6" NIPPLE	1 EA	
⑬ 2" BRONZE ADAPTER (SW x IPF)	1 EA	
⑭ 8" GATE VALVE CAP, GALV SPLIT SLEEVE, & 12 GA STL PIPE	1 EA	CWD-500
⑮ 2" ADAPTER (MIPT x SW)	2 EA	
⑯ 2" ADAPTER (FIPT x SW)	1 EA	

NOTES:

- Ⓐ A 1/8" SQ MESH GALVANIZED SCREEN SHALL BE EPOXIED FLAT INTO OPEN ST ELL.
- Ⓑ STATION, LOCATION, AND SPECIAL NOTES PER PLAN AND PROFILE SHEETS.
- Ⓒ DOUBLE-STRAP SERVICE SADDLES SHALL BE USED ON ALL DIP CONNECTIONS.



WATER  
DISTRIBUTION & TRANSMISSION  
CONSTRUCTION METHODS

TYPICAL 2" AIR VALVE  
INSTALLATION