



BILL OF MATERIALS

ITEM	QUANTITY	REFERENCE
① 4" THROUGH 12" MAIN	1	PER PLAN
② MAIN SIZE MJ CAP WITH 2" TAP, (IPF)	1	PER PLAN
③ 2" ADAPTER (MIPT x SW)	2	
④ 2" x 12" COPPER PIPE, SOFT	1	
⑤ 2" 90° ELL (SW x SW)	2	
⑥ 2" COPPER PIPE, HARD DRAWN	VARIES	
⑦ 2" 90° BRASS ELL (MIPT x SW)	1	
⑧ 2" RW FULL BODY GATE VALVE, (FIPT)	1	
⑨ 2" COPPER PIPE, HARD (NO JOINTS)	VARIES	
⑩ 2" ADAPTER (SW x FIPT)	1	
⑪ 2" BRASS PLUG (MIPT)	1	
⑫ 10" GATE BOX CAP AND SPLIT-SLEEVE	1	CWD-515
⑬ 10" DIA STEEL SLEEVE (VARIES)	VARIES	
⑭ 2" SQUARE OPERATOR NUT	1	SUPPLIED BY CITY
⑮ MAIN SIZE GRIP RING KIT	1	
⑯ 2" x 6" BRASS NIPPLE	1	
⑰ 8" GATE BOX CAP AND SPLIT-SLEEVE	1	
⑱ 8" DIA STEEL SLEEVE (VARIES)	1	
⑲ 2" x 48" ± COPPER PIPE, HARD, NO JOINTS	VARIES	



WATER DISTRIBUTION & TRANSMISSION  
PIPELINE CONSTRUCTION METHODS

TYPICAL 2" BLOW-OFF ASSEMBLY  
FOR MAINS WITH MORE THAN  
42" OF COVER