



BILL OF MATERIALS	
ITEM	QUANTITY
① 12" - 20" WATER MAIN	PER PLAN
② 12" - 20" MJ END CAP W/ 4" ECCENTRIC TAP, (IPT)	1
③ 4" x 12" GALV STEEL PIPE, (IPT)	2
④ 4" GALV STEEL PIPE, (IPT)	6 LF ±
⑤ 4" VALVE (FIPT), PER SPECIFICATIONS	1
⑥ 4" x 90° GALV STEEL ELL, (FIPT)	2
⑦ 4" GALV END CAP, (FIPT)	1
⑧ MAIN SIZE GRIP RING KIT	1
⑨ METER BOX (TRAFFIC RATED LID AND BOX)	1

**NOTES:**  
 1.) CONTRACTOR SHALL LEAVE END CAP IN PLACE UNTIL FINAL CONNECTION BY CITY FORCES



WATER DISTRIBUTION & TRANSMISSION  
 PIPELINE CONSTRUCTION METHODS

12" THROUGH 20" DI  
 TEMPORARY CONSTRUCTION END CAPS  
 FOR FLUSHING, TESTING, & CHLORINATION