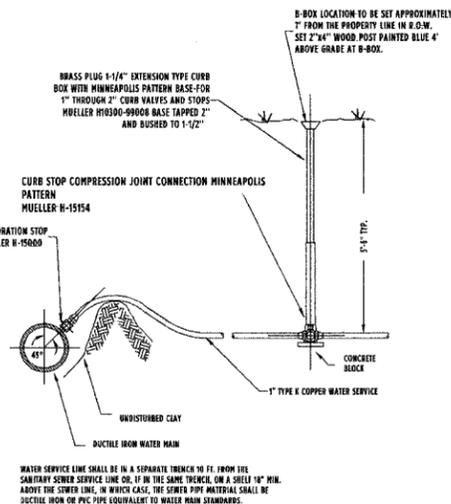
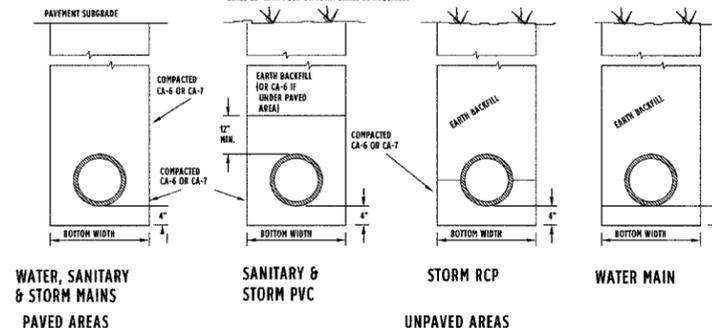
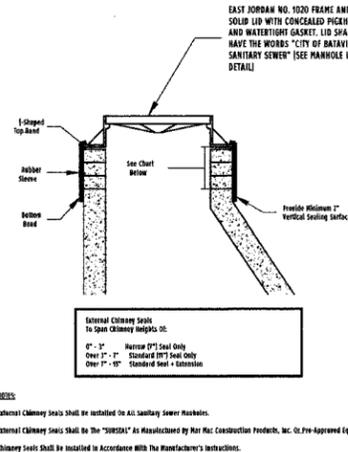


STANDARD TRENCH SECTIONS

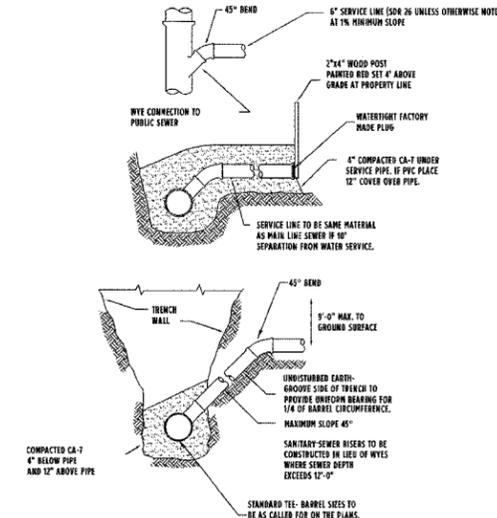
- BOTTOM WIDTH: PIPE SIZES UP TO 24" USE I.D. PLUS 30" OVER 24" USE O.D. PLUS 24"
- WHERE USED, EARTH BACKFILL SHALL BE JETTED IN PLACE
- WHERE CROSSING EXISTING ROADWAY CONTROLLED LOW STRENGTH MATERIAL SHALL BE COSED WITH A MINIMUM ASPHALT PACT OF 8"
- SANITARY MAIN BETWEEN DEPTHS OF SIX FEET(1) AND FOURTEEN FEET (14') PVC PIPE SDR 26 SHALL BE REQUIRED. FOR DEPTHS OF LESS THAN SIX FEET (6') AND GREATER THAN FOURTEEN FEET (14') DUCTILE IRON PIPE CLASS 52 WITH PUSH ON JOINT SHALL BE REQUIRED.



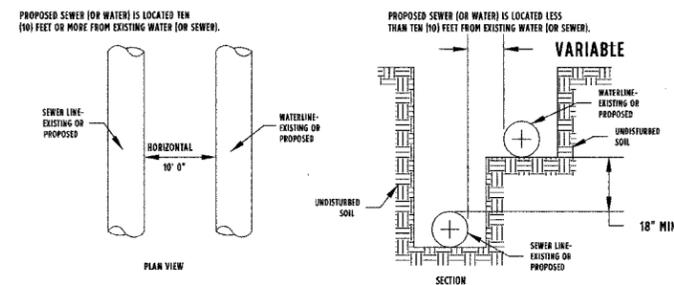
WATER SERVICE DETAIL



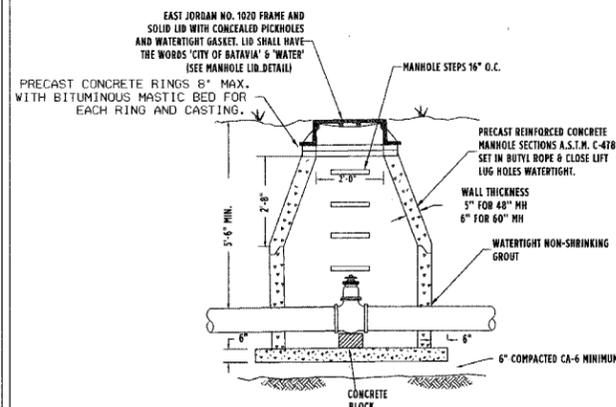
EXTERNAL CHIMNEY SEAL DETAIL



SANITARY SEWER SERVICE AND SERVICE RISER

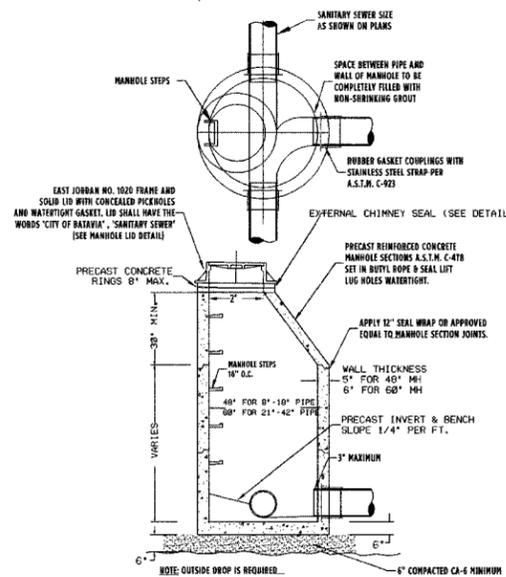


WATER AND SEWER SEPARATION DETAIL

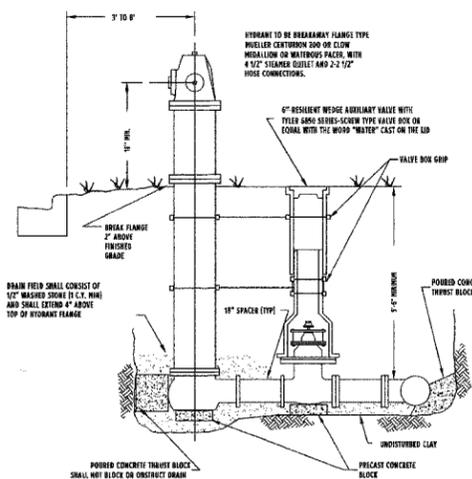


- NOTES:
- VALVE VAULT OPENING SHALL BE CENTERED OVER VALVE & CASTING TO BE SET AT FINISH GRADE AS SHOWN ON PLANS.
 - INSIDE DIAMETER SHALL BE 48" FOR WATER MAIN 6" THROUGH 10" AND 60" FOR WATER MAIN 12" AND OVER
 - VALVES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO AWWA C509 AND SHALL BE MUELLER, WATERLOUS, CLOW OR APPROVED EQUAL.
 - ALL NUTS AND BOLTS ON VALVE ARE TO BE STAINLESS STEEL.
 - MEG-A-LUGS SHALL BE USED.

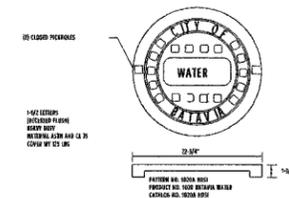
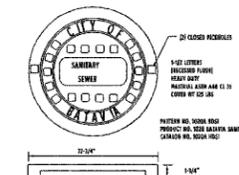
WATER VALVE VAULT DETAIL



SANITARY SEWER MANHOLE



FIRE HYDRANT



MANHOLE LID DETAIL

CITY of BATAVIA			
ENGINEERING DEPARTMENT			
DRAWN BY: S. HAINES	DATE: 02/10/00	SCALE: NONE	4 07-29/05 S.N.S.
			3 11-29/04 P.S.
			2 02-19/03 P.S.
			1 04-17/02 P.S.
TITLE: SANITARY & WATER DETAILS			REVISION DATE
			SHEET OF