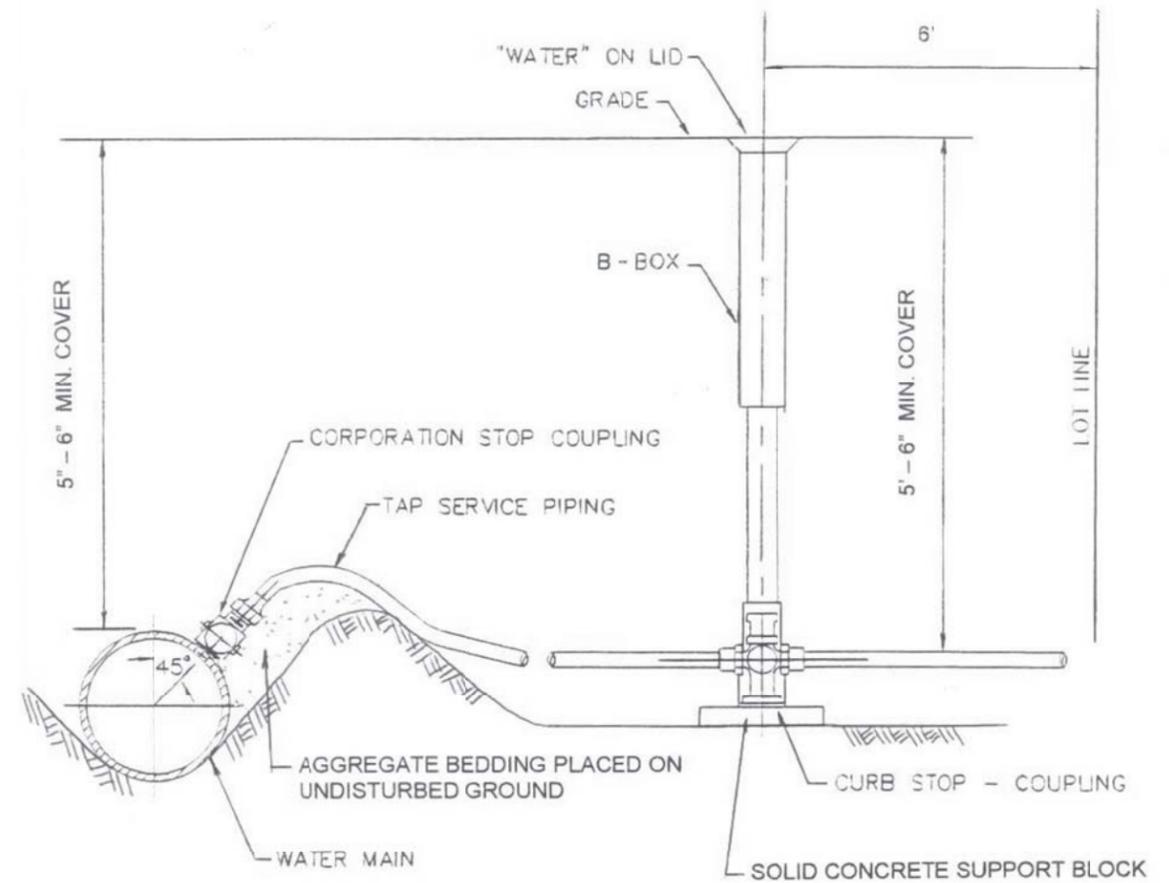


**Notes:**

1. The frame shall be set on precast concrete adjusting rings (6" min. / 12" max.) and an internal chimney seal shall be installed in all sanitary manholes.
2. The sanitary manhole shall set on a min. 6" of compacted sand (FA-1) or a min. of compacted gravel (CA-6). Granular backfill shall be provided around the sanitary manhole to within 12" of the final surface elevation.
3. Only precast reinforced concrete sections are allowed as an alternative material for walls.

**SANITARY MANHOLE - TYPE A**



**Notes:**

1. The b-box shall not be located within a sidewalk, driveway or driveway approach.

**TYPICAL WATER SERVICE LINE ASSEMBLY**

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 11/27/2012 11:00:35 AM  
 FILE NAME: 8610382-det-03.dgn  
 PLOT DRIVER: default  
 PEN TABLE: standard-trans.tbl



USER NAME = spenel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 11/27/2012	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CITY OF WOODSTOCK STANDARDS AND DETAILS	
SCALE:	SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	469
CONTRACT NO.			62268	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				