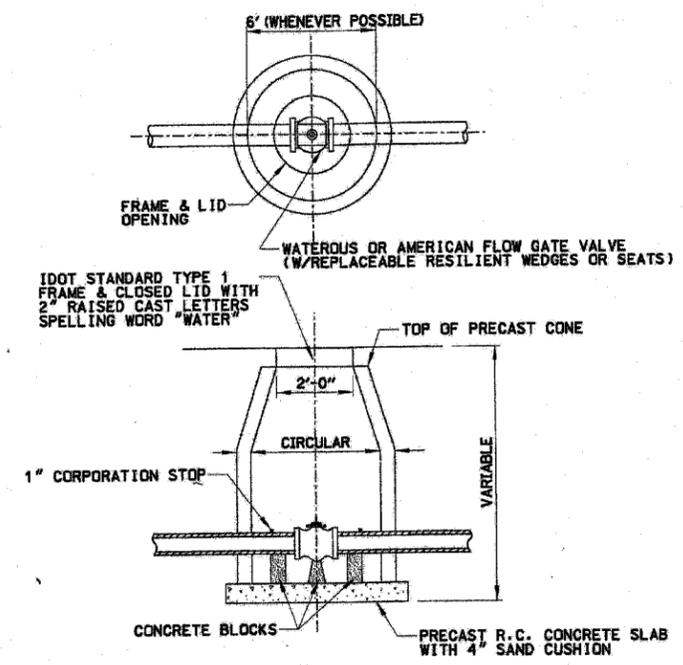


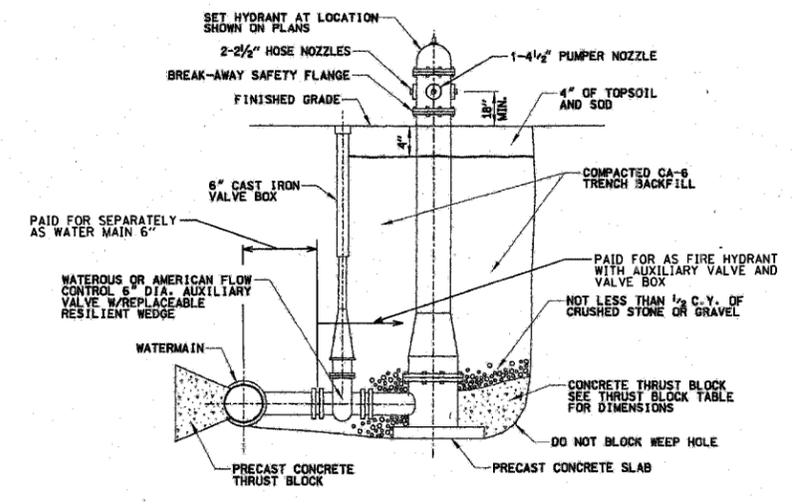
PLOT DATE = 7/12/2007
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = b.johnson



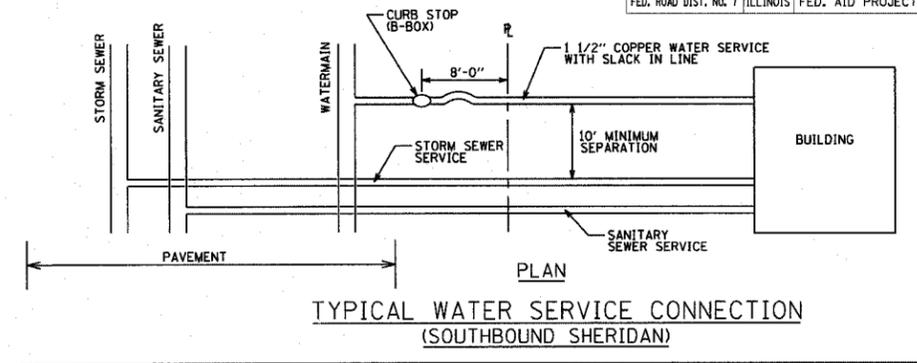
IDOT STANDARD TYPE 1 FRAME & CLOSED LID WITH 2" RAISED CAST LETTERS SPELLING WORD "WATER"

NOTE: THE CONTRACT UNIT PRICE FOR VALVE VAULTS TYPE A SHALL INCLUDE THE FRAME AND CLOSED LID, AND COMPACTED TRENCH BACKFILL. PRECAST REINFORCED CONCRETE RISERS ARE TO BE LAID IN MASTIC JOINTS WITH FLUSH JOINTS. FURNISHING AND INSTALLING SAND CUSHION TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR VALVE VAULT, TYPE A.

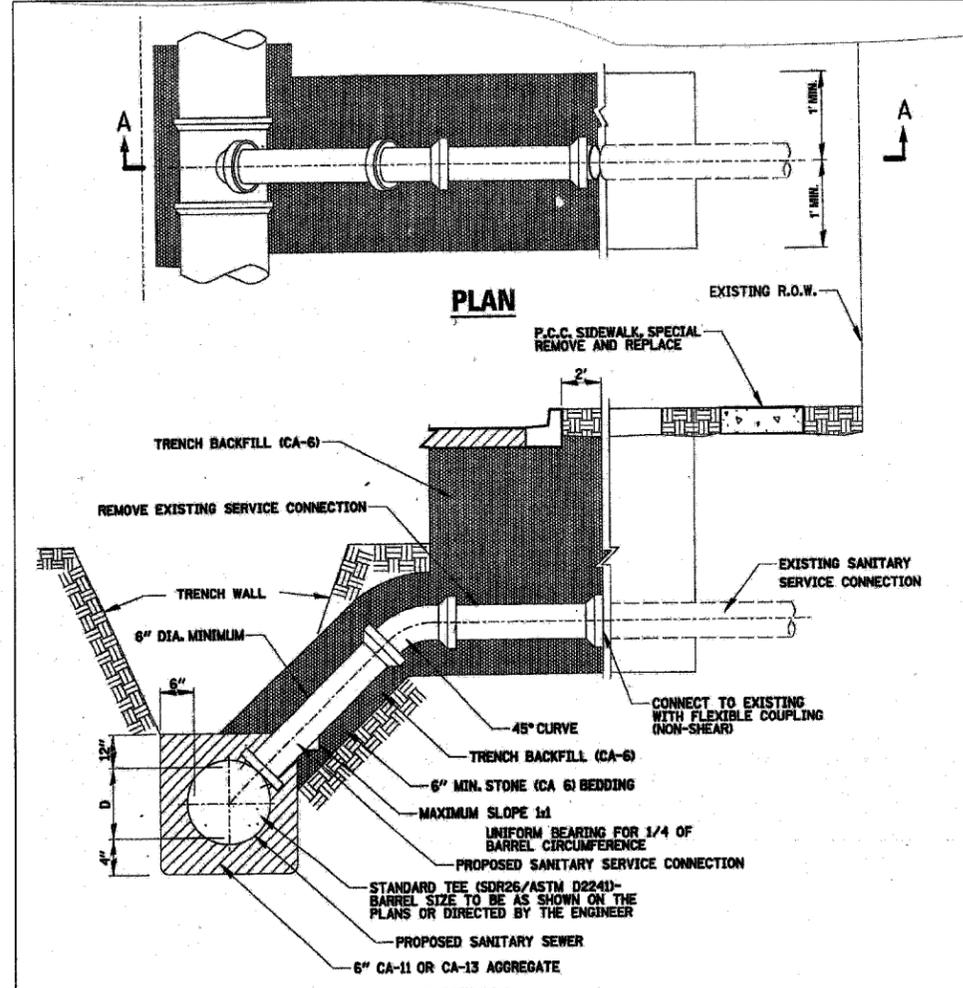
STANDARD TYPE "A" VALVE VAULT
 N.T.S.



FIRE HYDRANT (LOW EDDY - F2640)
 (HIGH VISIBILITY RED W/CAPS & CHAINS)
 N.T.S. 1/4" COMPRESSION TYPE MAIN VALVE OPENING



TYPICAL WATER SERVICE CONNECTION
 (SOUTHBOUND SHERIDAN)

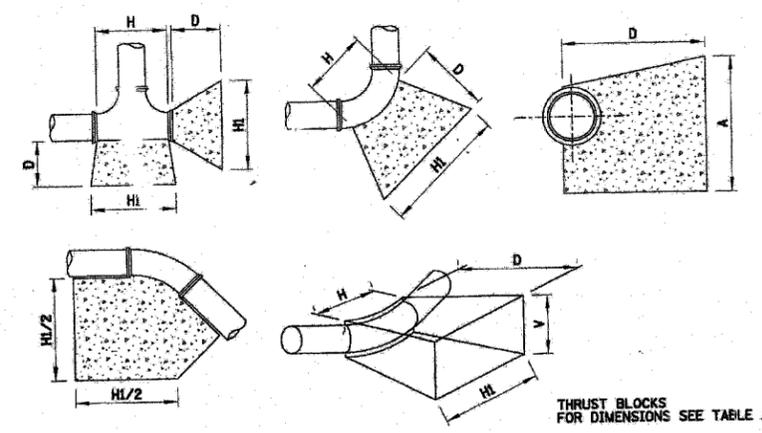


SECTION A - A
 SANITARY SERVICE CONNECTION

ALL SERVICE CONNECTIONS TO BE 6" PVC PIPES AT 1/2 SLOPE TO THE BACK OF CURB

REVISIONS	
NAME	DATE

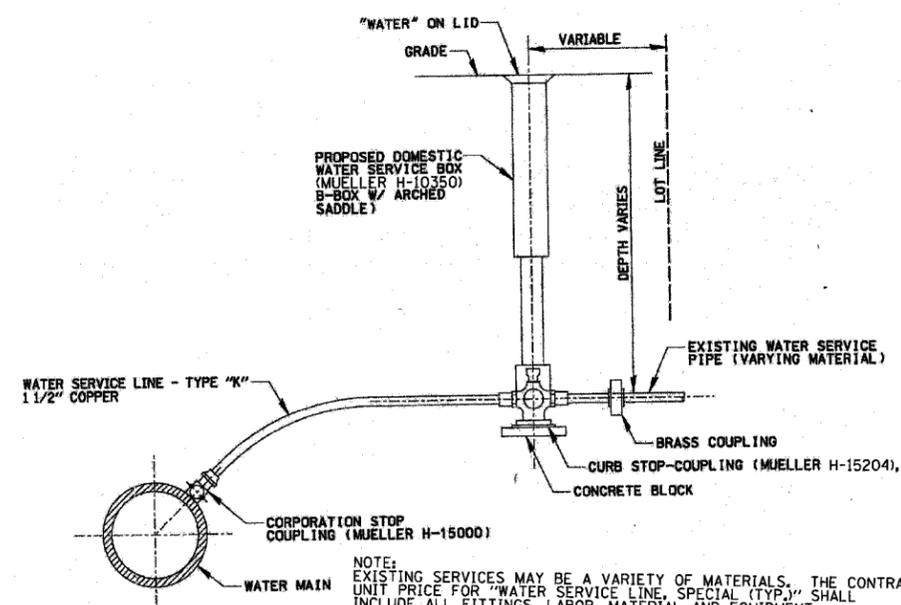
ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF WILMETTE DETAILS
 SHERIDAN ROAD
 DATE 7/13/07
 DRAWN BY LTD
 CHECKED BY BJL



SIZE OF PIPE	TAPPING TEES, SLEEVES AND PLUGS				90° BENDS				45° BENDS OR LESS						
	H ₁	H ₂	V	D	C.F.T.	H ₁	H ₂	V	D	C.F.T.	H ₁	H ₂	V	D	C.F.T.
12"	54"	30"	24"	24"	13.40	54"	32"	36"	36"	16.15	42"	18"	24"	24"	9.60
8"	36"	18"	18"	18"	5.05	39"	18"	24"	18"	7.50	30"	11"	18"	18"	3.95
6"	24"	16"	18"	18"	3.50	30"	16"	18"	18"	4.05	24"	10"	16"	18"	3.20
4"	20"	13"	15"	15"	2.15	24"	12"	13"	13"	1.75	20"	8"	12"	12"	1.20

WATERMAIN THRUST BLOCKING - TABLE A
 N.T.S.

NOTE: THRUST BLOCKING TO BE INSTALLED AT ALL HORIZONTAL AND VERTICAL BENDS, CAPS, VALVES, HYDRANTS AND AT LOCATIONS DIRECTED BY ENGINEER. THRUST BLOCK TO BE PRE-CAST PORTLAND CEMENT CONCRETE, PLACED BETWEEN SOLID GROUND AND FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIR. ALL ENDS OF 1 1/4" OR MORE, ALL TEES AND ALL PLUGS SHALL BE PROTECTED AS SHOWN, WHERE CONDITIONS PREVENT THE USE OF CONCRETE THRUST BLOCKS, RESTRAINED JOINTS OF A TYPE APPROVED BY THE ENGINEER MAY BE USED.



TYPICAL WATER SERVICE CONNECTION

NOTE: EXISTING SERVICES MAY BE A VARIETY OF MATERIALS. THE CONTRACT UNIT PRICE FOR "WATER SERVICE LINE, SPECIAL (TYP.)" SHALL INCLUDE ALL FITTINGS, LABOR, MATERIAL AND EQUIPMENT NECESSARY TO CONNECT EXISTING SERVICES TO THE PROPOSED WATERMAIN. SEE SPECIFICATIONS.

1051 PERIMETER DRIVE, SUITE 1025
 SCHALMIBURG, ILLINOIS 60173
 (847) 605-9800

