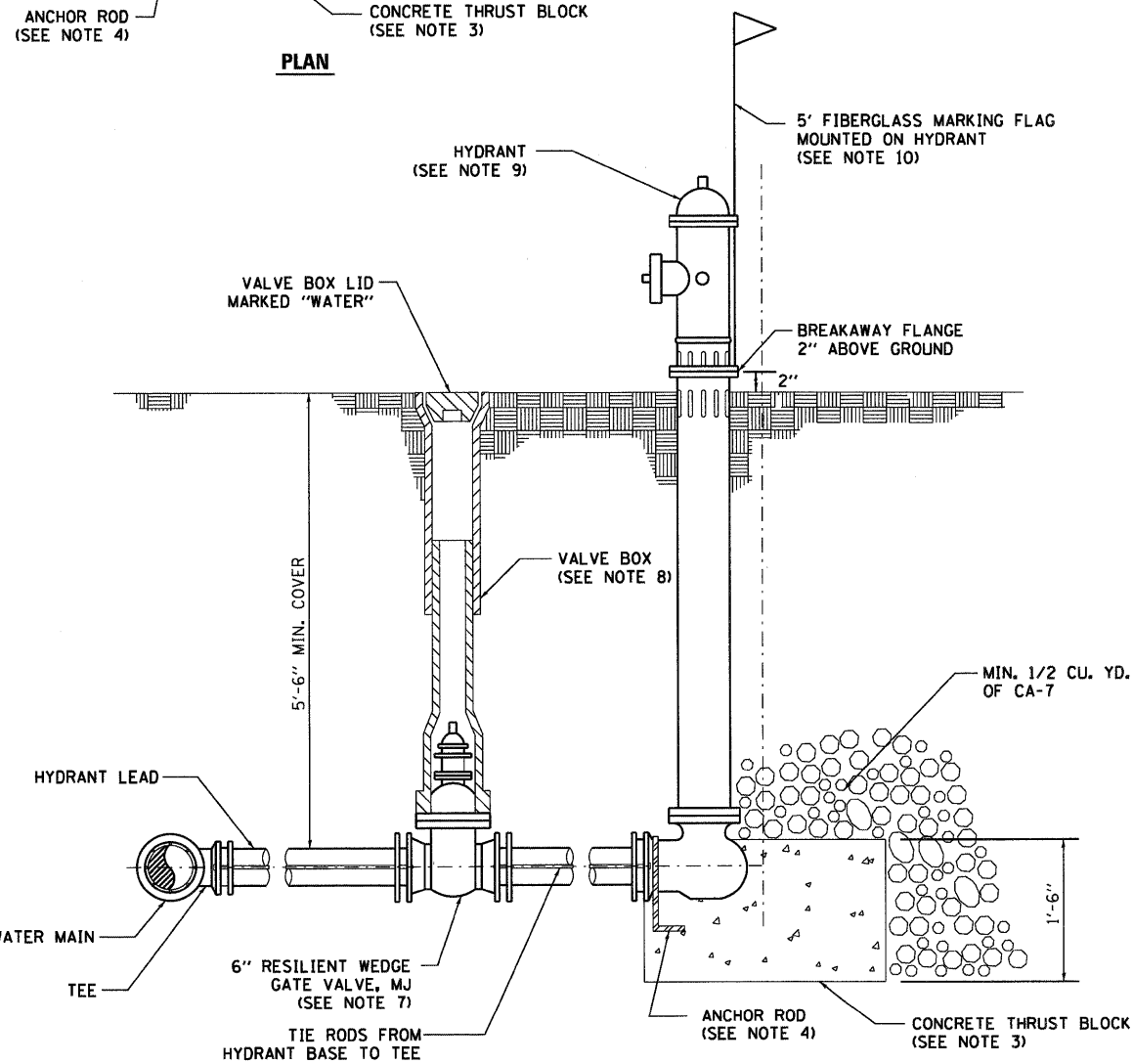
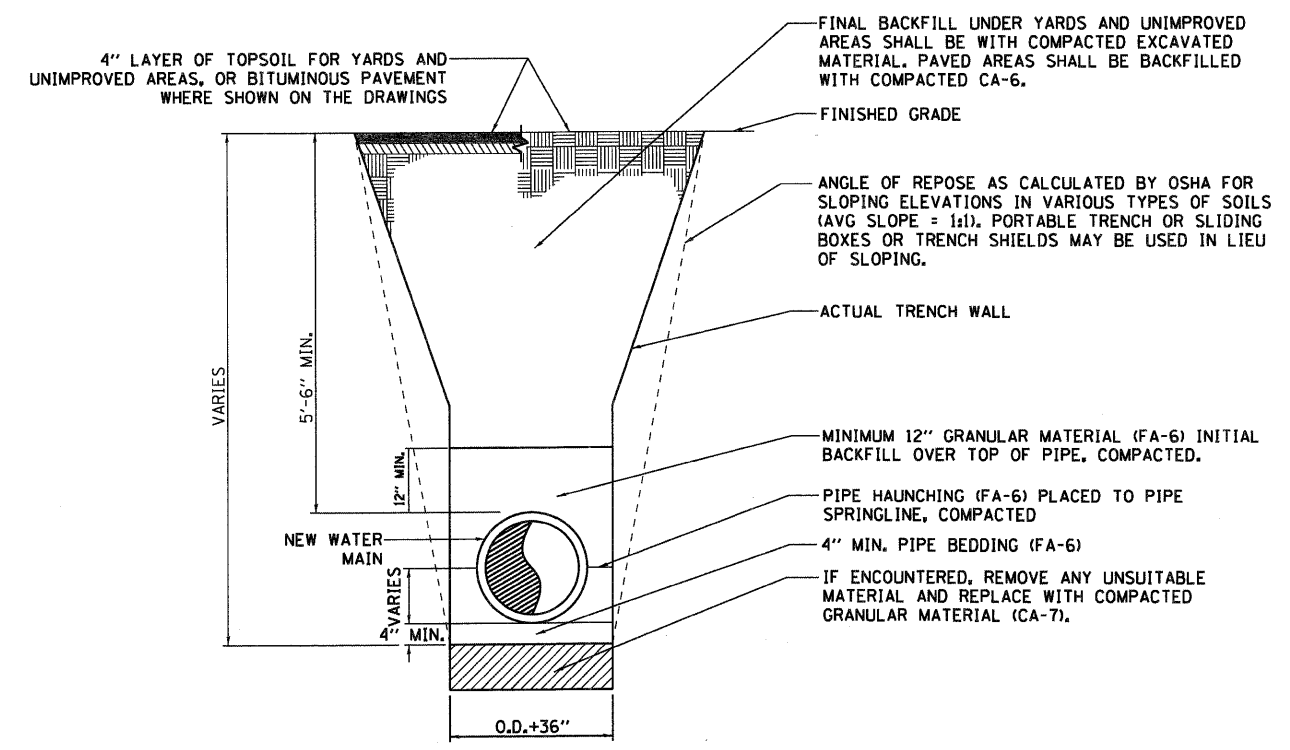


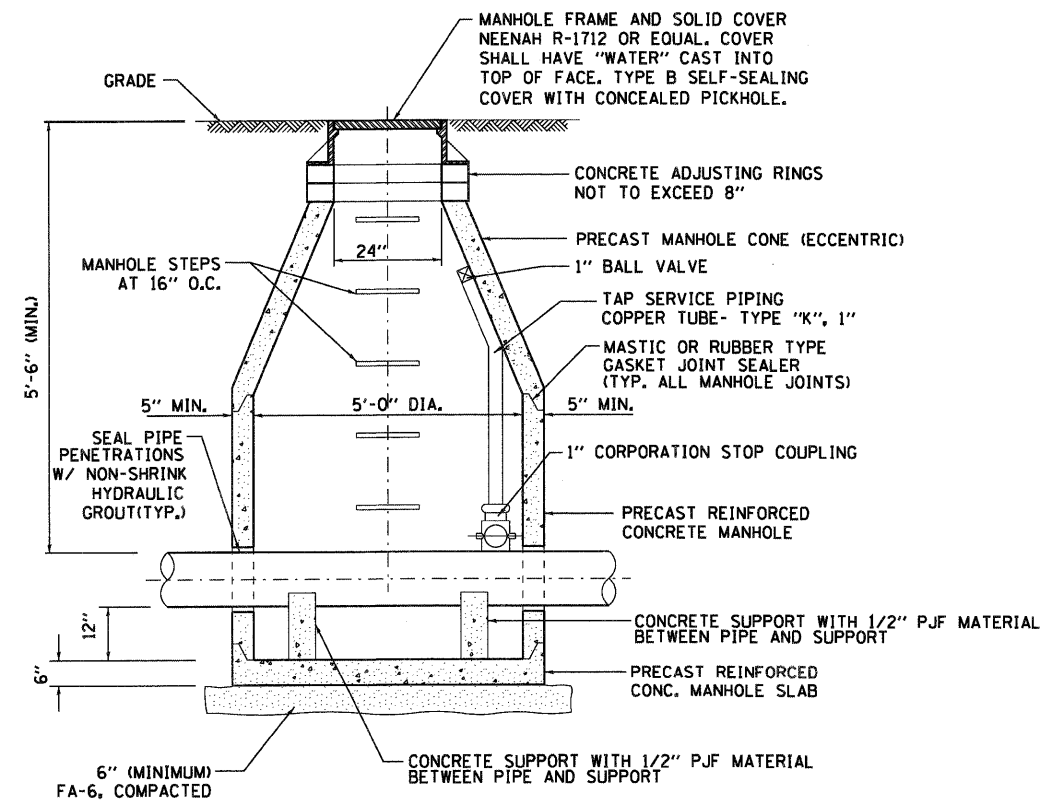
- HYDRANT NOTES:**
1. HYDRANT SHALL BE PLUMB IN ALL DIRECTIONS.
 2. USE TWO STAINLESS STEEL TIE RODS AS SHOWN, SAME DIAMETER AS FITTING BOLT, AT OR NEAR THE HORIZONTAL PLANE THROUGH THE CENTERLINE.
 3. POUR CONCRETE THRUST BLOCK AFTER BASE HAS BEEN SET.
 4. ALL TIE RODS AND ANCHOR RODS SHALL BE STAINLESS STEEL.
 5. HYDRANTS SHALL BE LOCATED A MINIMUM 3' BACK FROM THE CURB LINE.
 6. ALL JOINTS SHALL BE RESTRAINED, MECHANICAL JOINT TYPE.
 7. RESILIENT WEDGE GATE VALVES SHALL BE MODEL 2639 MANUFACTURED BY CLOW VALVE; OR APPROVED EQUAL.
 8. VALVE BOXES SHALL BE CAST IRON ADJUSTABLE TYPE, MANUFACTURED BY TYLER UNION; OR APPROVED EQUAL.
 9. HYDRANT SHALL BE 5-1/4" WATEROUS PACER MANUFACTURED BY AMERICAN FLOW CONTROL; OR APPROVED EQUAL.
 10. HYDRANT MARKING SHALL BE HYDRA-FINDER WITH FLAG MANUFACTURED BY RODON; OR APPROVED EQUAL.



FIRE HYDRANT SETTING
NOT TO SCALE



WATER MAIN TRENCH DETAIL
NOT TO SCALE



CORPORATION STOP IN VAULT DETAIL
NOT TO SCALE

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D168122-SHT-WTR05.dgn	USER NAME = YKlm	DESIGNED - DF	REVISED -
		DRAWN - DF	REVISED -
		CHECKED - E.JG	REVISED -
		DATE - 10/14/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN DETAILS	
SCALE: NO SCALE	SHEET NO. 5 OF 5 SHEETS
STA.	TO STA.

F.A.P. RTE. 347	SECTION LY (HB & VB)	COUNTY DUPAGE/KANE	TOTAL SHEETS 421	SHEET NO. 104
WTR-5		CONTRACT NO. 60122		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				