

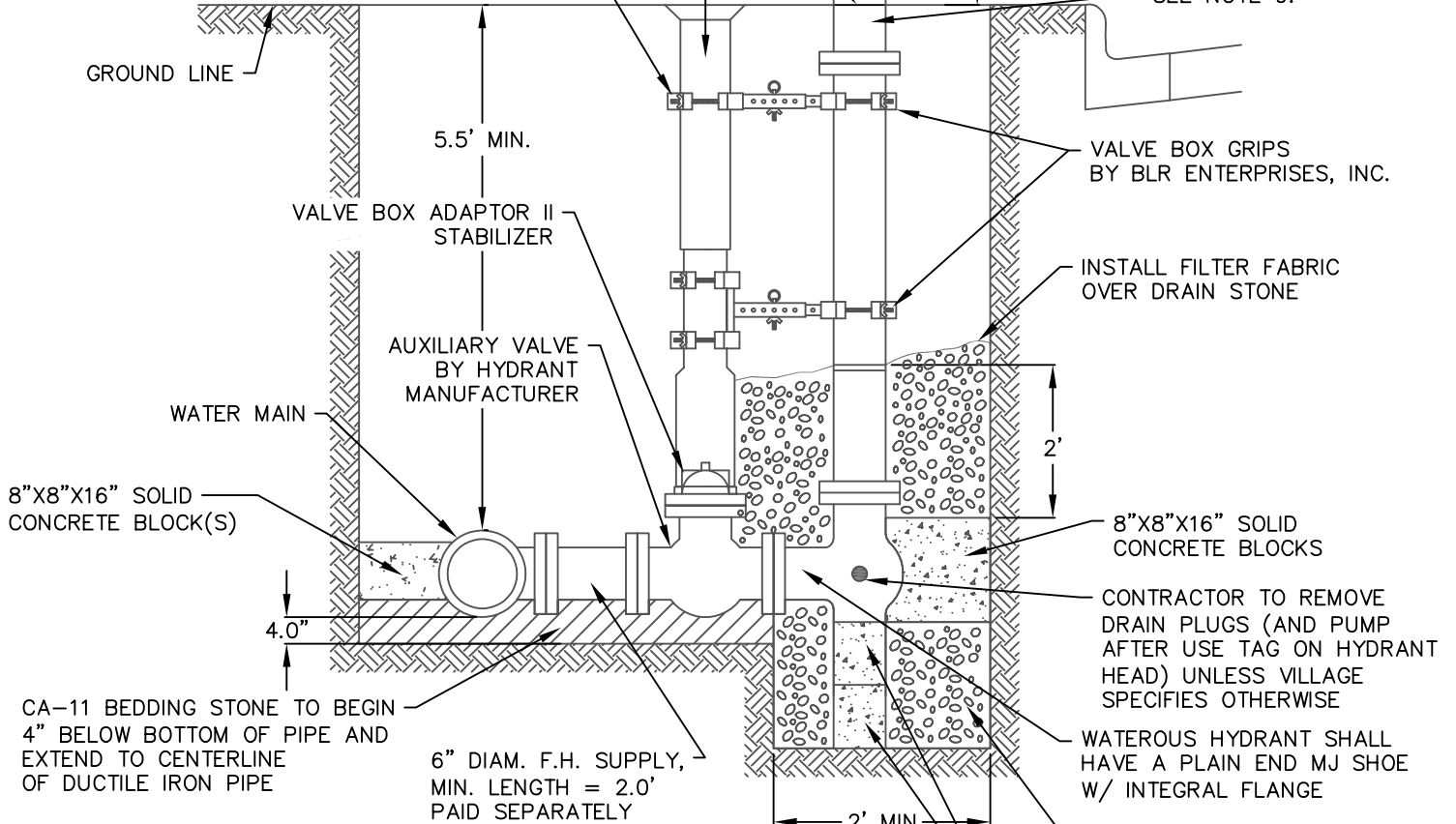
MUELLER SUPER CENTURION 250, TYPE A-423 OR  
 WATEROUS WB-67-250  
 WITH 1.5" PENTAGON OPERATING NUT  
 4.5" PUMPER NOZZLE & 2-2.5" HOSE NOZZLES

BOLT-ON HYDRANT FLAG  
 RODON HYDRA-FINDER

HYDRANT TO BE SET AT  
 GRADE LINE MARKING ON BARREL

TYLER AUXILIARY  
 VALVE BOX 664-S

DO NOT OVERTIGHTEN TOP VALVE BOX GRIP  
 TOP OF BOX SHALL SPIN FREELY



SEE NOTE 9.

VALVE BOX GRIPS  
 BY BLR ENTERPRISES, INC.

INSTALL FILTER FABRIC  
 OVER DRAIN STONE

8"X8"X16" SOLID  
 CONCRETE BLOCKS

CONTRACTOR TO REMOVE  
 DRAIN PLUGS (AND PUMP  
 AFTER USE TAG ON HYDRANT  
 HEAD) UNLESS VILLAGE  
 SPECIFIES OTHERWISE

WATEROUS HYDRANT SHALL  
 HAVE A PLAIN END MJ SHOE  
 W/ INTEGRAL FLANGE

CA-7 DRAIN STONE  
 (1.0 C.Y)

2-8"X8"X16" SOLID CONCRETE  
 BLOCKS

CA-11 BEDDING STONE TO BEGIN  
 4" BELOW BOTTOM OF PIPE AND  
 EXTEND TO CENTERLINE  
 OF DUCTILE IRON PIPE

6" DIAM. F.H. SUPPLY,  
 MIN. LENGTH = 2.0'  
 PAID SEPARATELY

NOTES:

1. ALL BELOW GRADE FASTENERS TO BE STAINLESS STEEL:  
 A. BOLTS & THREADED RODS - GRADE #304  
 B. NUTS & WASHERS - GRADE #316  
 C. NO FASTENERS TO BE SMALLER THAN 5/8" IN DIAMETER
2. HYDRANT TO BE PAINTED WITH  
 A. PRIMER: SHERWIN WILLIAMS EXTREME BOND HIGH-SOLID PRIMER  
 B. PAINT: HIGH GLOSS SAFETY RED FIXED RUSTOLEUM HIGH PERFORMANCE V7400
3. ALL DRAIN HOLES TO BE EQUIPPED WITH BRASS BUSHING.
4. VENT CAP REQUIRED ON 2.5" HOSE NOZZLES.
5. ALL HYDRANTS TO BE TRAFFIC MODELS WITH BREAK-AWAY FLANGES.
6. HYDRANTS WILL ONLY BE SET WITH 8"X8"X16" CONCRETE BLOCKS. NO SUBSTITUTIONS WILL BE ALLOWED.
7. HYDRANT MUST BE DATED NO MORE THAN ONE YEAR PRIOR TO DATE OF INSTALLATION.
8. HYDRANT MUST BE COVERED WITH A PLASTIC GARBAGE BIN WHILE BACKFILLING AROUND HYDRANT. CHIPPED/DAMAGED HYDRANTS TO BE REPAIRED PER MANUFACTURERS SPECIFICATIONS AND TO THE VILLAGE'S SATISFACTION.
9. MAX 36" ADJUSTMENT KIT; ONE (1) KIT ONLY. PRIOR TO INSTALLATION OF ADJUSTMENT KIT, NOTIFY RESIDENT ENGINEER OF WORK.
10. SECURITY CHAINS ARE NOT PERMITTED ON NOZZLE CAPS.
11. VALVE BOX ADAPTOR II IS TO BE USED AS THE VALVE BOX STABILIZER
12. ENCASE FIRE HYDRANT STANDPIPE, AUXILIARY VALVE AND LEAD PIPE WITH POLYETHYLENE V-BIO WRAP PER STANDARD DETAIL W-13.

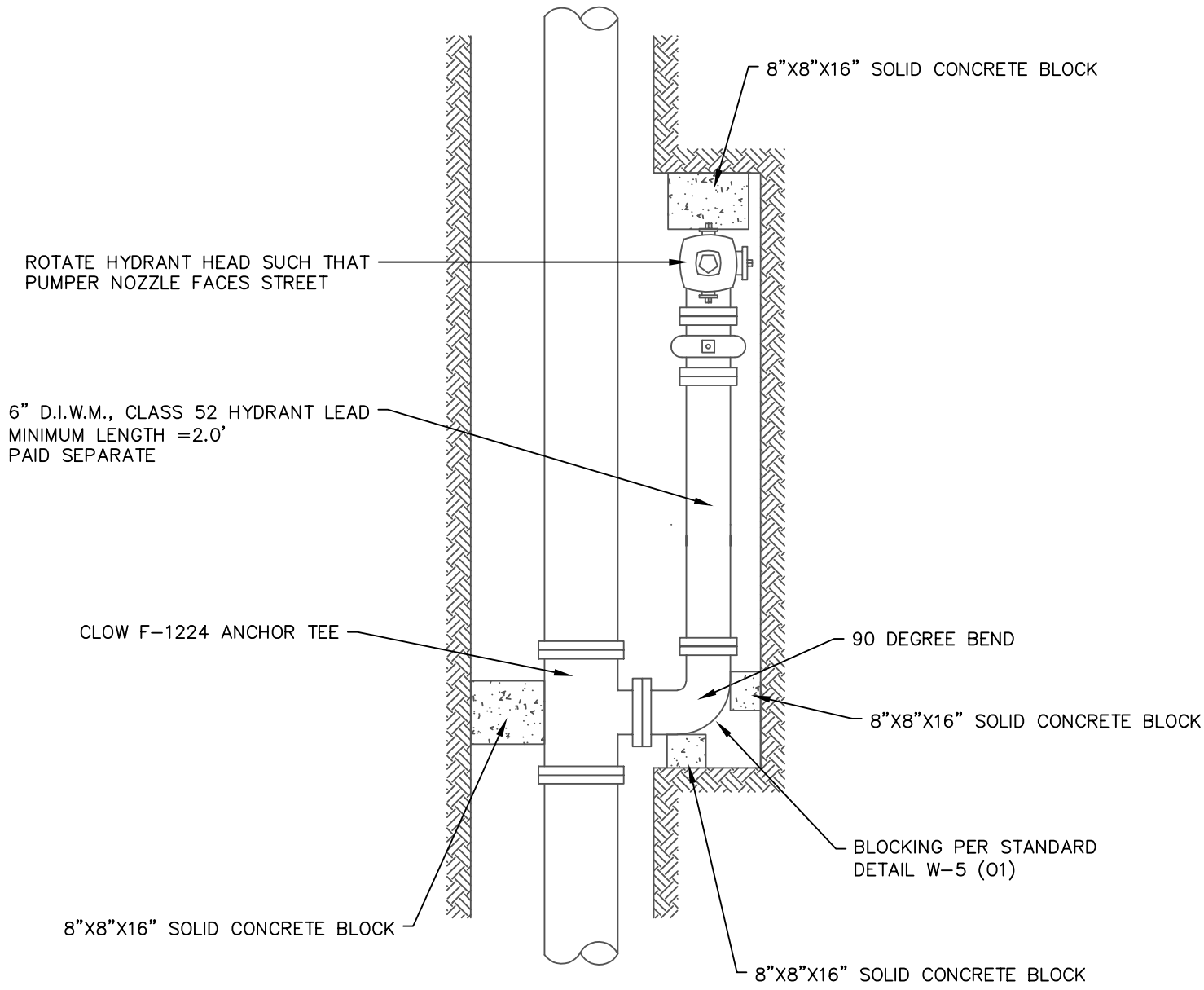
## NORTHBROOK FIRE HYDRANT DETAIL



Village of Northbrook  
 Public Works Department

DATE	REVISIONS
1-9-19	Revised Notes
4-1-21	Revised Notes

STANDARD DETAIL  
 W-1 (01)



PLAN VIEW FOR INSTALLATION METHOD WHEN PROPOSED HYDRANT LOCATION DOES NOT ALLOW FOR THE INSTALLATION OF A MINIMUM 2' LONG HYDRANT LEAD PERPENDICULAR TO THE WATER MAIN. INSTALLATION METHOD SHALL BE AT THE DISCRETION OF THE ENGINEER.



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