MINIMUM OF 18-INCHES FROM GROUND TO CENTER OF CONNECTION.
MAXIMUM OF 21-INCHES.

NOTE REQUIRED:
CONCRETE STRENGTH TEST REQUIRED FOR ALL Poured IN PLACE CONCRETE.

FIRE HYDRANT 4-1/2" PUMPER CONNECTION FACING ROAD

EXISTING GROUND

2'x2'x4" CONC. SLAB OR APPROVED PRECAST

HYDRANT TEE (≤ 18"Ø MAIN)
OUTLET OR TEE (≥ 20"Ø MAIN)

ANCHOR COUPLING

MAIN

THRUSt BLOCK SEE STANDARD #32A

6" GATE VALVE & VALVE BOX

FOR ASSEMBLY DETAILS SEE STANDARD #816

7 CUBIC FEET #57 STONE

24" Ø X 6" THICK CONCRETE COLLAR

FIRE HYDRANT TO HAVE A 5-1/4" CORE

BURY LINE IS 1" ABOVE GROUND

NOTES:
FIRE HYDRANTS CONNECTED TO 12-INCH AND LARGER WATER MAINS SHALL BE FURNISHED WITH LOCKING HYDRANT SECURITY CAPS. LOCKING CAPS SHALL BE CAPTIVATER AS PROVIDED BY AMERICAN FLOW CONTROL. CAPS SHALL BE PROVIDED ON EACH HOSE AND PUMPER NOZZLE AND INCORPORATE A "FREE SPINNING" DESIGN THAT PROVIDES SECURITY AGAINST UNAUTHORIZED INTRUSION INTO THE FIRE HYDRANT, OR WATER THEFT FROM THE HYDRANT. WHEN SECURED, THE CAP SHALL SPIN FREELY UNTIL UNLOCKED AND REMOVED THROUGH THE USE OF A CAPTIVATER WRENCH. WHEN UNLOCKED, THE CAP SHALL OPEN IN A MANNER SIMILAR TO A STANDARD CAP. CAPS SHALL BE SIMILAR IN APPEARANCE TO STANDARD CAPS AND SHALL USE A CENTER PLACED LOCKING MECHANISM. THE LOCKING MECHANISM SHALL BE HARDENED STAINLESS STEEL AND SHALL BE PROTECTED FROM THE ELEMENTS. CAPS USING MAGNETIC LOCKS ARE UNACCEPTABLE. ALL CAPTIVATER WRENCHES SHALL HAVE UNIQUE SERIAL NUMBERS. WRENCHES SHALL SHIP DIRECT TO OWNER.