KEYNOTES:
A. VALVE BOX ASSEMBLY PER DETAIL 402.
B. 6” GATE VALVE. WRAP TEE, VALVE, AND PIPE TO THE FOOT VALVE WITH 3 LAYERS OF POLYETHYLENE ENCASMENT PRIOR TO BACKFILLING. EXTEND PE WRAP A MINIMUM OF 6” BEYOND TEE. SECURE TO PIPE WITH 10 MIL PVC PIPE WRAP TAPE. SEE DETAIL 301. DO NOT WRAP HYDRANT BARREL.
C. TEE. NEW CONSTRUCTION TEE SHALL BE MJ X MJ X FLG. CONNECTIONS TO EXISTING MAINS SHALL BE TAPPING TEE PER DETAIL 302. THRUST BLOCK REQUIRED ONLY FOR TAPPING TEE.
D. MECHANICAL JOINT WITH GRIP FOLLOWER. ALL JOINTS IN HYDRANT ASSEMBLY SHALL BE FULLY RESTRAINED.
E. 12” X 12” X 8” CONCRETE PIER BLOCK ON UNDISTURBED NATIVE SOIL.
F. 1-1/2” CLEAN DRAIN ROCK POCKET. 4 CUBIC FEET MINIMUM. MINIMUM 6” ABOVE HYDRANT DRAIN OPENING. WRAP WITH GEOTEXTILE FABRIC PER TVWD STANDARDS.
G. MAINTAIN MINIMUM CLEAR SPACE IN ALL DIRECTIONS PER DETAIL 503. PLACEMENT OF CONCRETE AROUND HYDRANTS IS PROHIBITED.
H. FOLLOW MANUFACTURER RECOMMENDATIONS FOR BURY LINE AND BREAK FLANGE MAX AND MIN.
I. NO RISER KITS ON NEW HYDRANT INSTALLATIONS.
J. CONCRETE BLOCK – 3500 PSI 2” BELOW SCORE LINE, 8” THICK, AND 12” BELOW BURY LINE. CONCRETE SHALL NOT IMPACT WEEP HOLE.
K. WRAP HYDRANT BARREL WITH PE WRAP BENEATH BURY LINE TO 6 INCHES BELOW CONCRETE BLOCK. ENSURE PE WRAP DOES NOT INTERFERE WITH WEEP HOLE.