

NOTE TO PLAN DESIGNERS: NOTES SHOWN BELOW MAY OR NOT APPLY TO EVERY SPECIFIC SITE, USE THE RELEVANT ONES AND ADJUST THE NOTE AS NECESSARY IF THE NOTE DOES NOT APPLY **OR** IF THE SITE IS LOCATED IN A CITY OF COLUMBUS WATER SERVICE CONTRACT AREA.

CITY OF COLUMBUS WATER SERVICE PLAN NOTES

- NO WATER SERVICE CONNECTION PERMITS SHALL BE ISSUED OR CONNECTIONS MADE TO ANY WATER TAPS UNTIL THE PUBLIC WATER MAIN HAS BEEN DISINFECTED BY THE CITY OF COLUMBUS, DIVISION OF WATER.
- NO WATER SERVICE CONSTRUCTION, BEFORE OR AFTER THE WATER METER(S), SHALL BEGIN PRIOR TO FEE PAYMENT TO THE UTILITY PERMITS OFFICE AT 111 N. FRONT STREET (614-645-7330).
- THE CITY OF COLUMBUS, CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMSC), 2018 EDITION AND ALL REVISIONS, INCLUDING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS SHALL GOVERN THIS IMPROVEMENT, UNLESS OTHERWISE NOTED.
- ALL WATER LINE MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT APPROVED MATERIALS LIST AND RULES AND REGULATIONS OF THE CITY OF COLUMBUS, DIVISION OF WATER, UNLESS OTHERWISE SHOWN ON THE PLANS OR APPROVED BY THE CITY OF COLUMBUS DIVISION OF WATER. ONLY PRODUCTS LISTED ON THE CURRENT APPROVED MATERIALS LIST WILL BE PERMITTED TO BE INSTALLED.
- IT SHALL BE UNLAWFUL FOR ANY PERSON TO PERFORM ANY WORK ON THE PUBLIC WATER DISTRIBUTION SYSTEM WITHOUT FIRST SECURING A LICENSE TO ENGAGE IN SUCH WORK, AS INDICATED IN COLUMBUS CITY CODE SECTIONS 1103.02 AND 1103.06. THIS WORK INCLUDES ANY ATTACHMENTS, ADDITIONS TO OR ALTERATIONS IN ANY CITY SERVICE PIPE OR APPURTENANCES (INCLUDING WATER SERVICE LINES AND WATER SERVICE TAPS). THIS REQUIREMENT MAY BE MET BY UTILIZATION OF A SUBCONTRACTOR WHO POSSESSES A CITY OF COLUMBUS WATER CONTRACTOR LICENSE OR A COMBINED WATER/SEWER CONTRACTOR LICENSE TO PERFORM THIS WORK. UTILIZATION OF A SUBCONTRACTOR MUST MEET THE LICENSING REQUIREMENTS OF CITY OF COLUMBUS BUILDING CODE, IN PARTICULAR SECTIONS 4114.119 AND 4114.529.
- FOR ANY EMERGENCIES THAT OCCUR AFTER NORMAL WORKING HOURS INVOLVING THE WATER DISTRIBUTION SYSTEM, PLEASE CONTACT THE DIVISION OF WATER DISTRIBUTION MAINTENANCE OFFICE AT 614-645-7788.
- SITE UTILITY CONTRACTOR SHALL OBTAIN A RIGHT OF WAY PERMIT PRIOR TO THE START OF ANY WATER SERVICE LINE AND/OR WATER SERVICE TAP INSTALLATION OR ANY PLACEMENT OF WATER SERVICE MATERIALS INTO THE PUBLIC RIGHT OF WAY.
- SITE UTILITY CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY OF COLUMBUS--CITY FORESTER AT 614-645-6640 FOR ANY WORK DONE WITHIN 10 FEET OF A TREE IN THE RIGHT OF WAY.

- THERE SHALL BE A 10 FOOT MINIMUM HORIZONTAL AND 18 INCH VERTICAL SEPARATION BETWEEN WATER SERVICE TAP(S), WATER SERVICE LINE(S), PRIVATE WATER SYSTEMS AND ANY SANITARY AND/OR STORM SEWER SYSTEMS.
- WHEN WATER TAPS ARE INSTALLED BY TRENCHLESS METHODS AND CROSS AN EXISTING STORM AND/OR SANITARY SEWER, THE CONTRACTOR SHALL VERIFY THE CONDITION OF THE SEWER(S) BY VIDEO INSPECTION METHODS FOLLOWING THE TAP INSTALLATIONS.
- EXISTING RIGHT OF WAY LINE(S), PROPOSED RIGHT OF WAY LINE(S) AND/OR WATER MAIN EASEMENT LINES SHALL BE STAKED AT 10 FOOT INCREMENTS BY A STATE OF OHIO LICENSED SURVEYOR WHEN THE WATER SERVICE TAP(S) AND/OR WATER SERVICE(S) ARE INSTALLED AND INSPECTED BY THE COLUMBUS DIVISION OF WATER.
- ALL INSPECTIONS REQUIRE A 24 HOUR ADVANCE NOTICE.
- ALL PUBLIC FIRE HYDRANTS, WHETHER NEW OR RELOCATED, SHALL BE INSPECTED AND APPROVED BY THE DIVISION OF FIRE PRIOR TO BEING PUT INTO SERVICE. THE CONTRACTOR SHALL CONTACT THE DIVISION OF FIRE AT 645-7642 EXT. 75658 TO SCHEDULE THE INSPECTION OF THE NEW OR RELOCATED FIRE HYDRANTS. THE CITY WILL PROVIDE THE CONTRACTOR "OUT OF SERVICE" RINGS THAT SHALL BE PLACED ON ALL NEW OR RELOCATED FIRE HYDRANTS TO CLEARLY IDENTIFY THEM AS INACTIVE. AFTER WRITTEN NOTIFICATION OF ACCEPTANCE HAS BEEN RECEIVED, THE CONTRACTOR SHALL REMOVE THE "OUT OF SERVICE" RINGS FROM THE FIRE HYDRANTS. ALL "OUT OF SERVICE" RINGS SHALL BE RETURNED TO THE CITY.
- ALL PUBLIC FIRE HYDRANTS, WHETHER NEW OR RELOCATED, SHALL BE INSPECTED AND APPROVED BY THE (APPLICABLE CONTRACT COMMUNITY FIRE AGENCY) PRIOR TO BEING PUT INTO SERVICE. THE CONTRACTOR SHALL CONTACT THE (APPLICABLE CONTRACT COMMUNITY FIRE AGENCY) AT 614-XXX-XXXX TO SCHEDULE THE INSPECTION OF THE NEW OR RELOCATED FIRE HYDRANTS.
- SITE UTILITY CONTRACTOR SHALL FLUSH ALL WATER SERVICES PRIOR TO ANY WATER METER INSTALLATION. THE CITY OF COLUMBUS IS NOT RESPONSIBLE FOR ANY CITY WATER METER DAMAGE CAUSED BY NON-FLUSHING.
- SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-7330 FOR INSPECTION OF 2" AND SMALLER WATER SERVICE TAPS FROM THE WATER MAIN THRU THE CURB STOP AND WATER SERVICES FROM THE CURB STOP THRU THE WATER METER SETTING.
- IF A TAP IS BEING REUSED AND DISCOVERED TO BE LEAD, THE TAP SHALL BE ABANDONED AT THE WATER MAIN PER CMSC ITEM 808 AND A NEW TAP SHALL BE INSTALLED.
- SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-7330 FOR INSPECTION OF ALL WATER SERVICE TAP ABANDONMENTS COMPLETED AT THE WATER MAIN PER CMSC ITEM 808.

- ALL 2" AND SMALLER WATER SERVICE PIPE SHALL BE TYPE K SOFT TEMPER COPPER ONLY FROM THE CITY WATER MAIN THRU THE CURB STOP PER STANDARD DETAIL DRAWING L-9901 AND SHALL BE TYPE K SOFT TEMPER COPPER OR A DIVISION OF WATER APPROVED POLY TUBING FROM THE CURB STOP THRU THE WATER METER SETTING.
- 1" AND SMALLER METER SETTING(S) SHALL BE PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWING L-8503.
- SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-8276 TO HAVE 1.5" AND SMALLER METER(S) INSTALLED.
- 1.5" AND 2" METER SETTING(S) SHALL BE PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWING L-9002 C.
- SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-7330 FOR INSPECTION AND HYDROSTATIC TEST OF 3" AND LARGER WATER SERVICE TAPS FROM THE WATER MAIN THRU THE CONTROL VALVE AND WATER SERVICES FROM THE CONTROL VALVE THRU THE WATER METER SETTING. HYDROSTATIC TEST SHALL BE PER CMSC ITEM 801.14 AND SHALL BE PERFORMED FROM THE WATER MAIN THRU THE WATER METER SETTING.
- ALL 3" THRU 12" WATER SERVICE PIPE SHALL BE ONLY DUCTILE IRON FROM THE CITY WATER MAIN THRU THE CITY WATER METER SETTING(S) INCLUDING THE METER BYPASS.
- ALL EXPOSED WATER MAIN AND ALL WATER SERVICE PIPE 3" AND LARGER SHALL BE POLYWRAPPED PER CMSC ITEM 801.03 TO A POINT 10 FOOT BEYOND THE RIGHT OF WAY VALVE(S).
- WHEN A 3" OR LARGER TAP IS TO OCCUR ON A 20" OR LARGER WATER MAIN, THE CONTRACTOR SHALL NOTIFY THE DIVISION OF WATER OPERATIONS CONTROL CENTER AT (614)-645-7168, TWENTY-FOUR (24) HOURS IN ADVANCE OF PERFORMING THE TAP.
- 3" AND LARGER METER SETTING(S) SHALL BE PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWINGS L-6317 A-E.
- 2" AND LARGER METERS SHALL BE PURCHASED AT THE UTILITY PERMITS OFFICE AT 111 N. FRONT STREET AND PICKED UP AT UTILITY METERING SERVICES AT 3568 INDIANOLA AVENUE.
- BACKFLOW PREVENTION ASSEMBLY(S) SHALL BE INSTALLED, WHERE REQUIRED, PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWINGS L-9002 A THRU G. CONTRACTOR(S) SHALL CALL 614-645-6674 WITH BACKFLOW PREVENTION QUESTIONS. CONTRACTOR(S) SHALL CALL 614-645-5781 TO SCHEDULE BACKFLOW PREVENTION INSPECTION REQUESTS.
- DOMESTIC WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE ASSE #1013 APPROVAL/STANDARD AND SHALL BE SIZED TO MATCH THE CITY WATER METER.

- THE FIRE WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE APPROPRIATE ASSE APPROVAL/STANDARD AND SHALL BE EQUIPPED WITH A DETECTOR METER THAT IS ITRON 100W (TOWER) OR 100R (REMOTE) COMPATIBLE, MEASURES IN CUBIC FEET AND MEETS THE AWWA C-700 STANDARD. FIRE WATER BACKFLOW PREVENTER(S) SHALL BE SIZED TO MATCH THE FIRE WATER SERVICE SIZE AND EQUIPPED WITH O.S.&Y. VALVES.
- COMBINATION WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE ASSE #1013 APPROVAL/STANDARD AND SHALL BE SIZED TO MATCH THE CITY WATER METER.
- IF DOMESTIC AND/OR FIRE WATER SERVICE METER(S) AND THEIR BACKFLOW PREVENTER(S) ARE TO BE LOCATED IN A METER ROOM INSIDE A BUILDING, THERE WILL BE A WALL OR CEILING MOUNTED GAS OR ELECTRIC THERMOSTATICALLY OPERATED HEATER. THE HEATER SHALL BE SIZED PER THE HEATER MANUFACTURER SPECS TO MAINTAIN A 40 DEGREE FAHRENHEIT INSIDE TEMPERATURE AT AN OUTSIDE TEMPERATURE OF MINUS 30 DEGREE FAHRENHEIT
- A 1" I.D. CONDUIT WITH 1 DRAWSTRING PER WATER METER SHALL BE PROVIDED BY THE BUILDING CONTRACTOR FROM THE WATER METER TO AND THRU 6" BEYOND THE FINISHED EXTERIOR WALL OF THE BUILDING AND 1' TO 5' ABOVE THE FINISHED GRADE.
- A 1" I.D. CONDUIT WITH 1 DRAWSTRING PER WATER METER SHALL BE PROVIDED BY THE SITE UTILITY CONTRACTOR FROM THE WATER METER VAULT TO THE HEATED ENCLOSURE. CONDUIT SHALL EXTEND 6" INTO THE VAULT AND BE CLEAR OF ALL ACCESS PORTALS. CONDUIT SHALL EXTEND 18" UP INTO THE SLAB FOR THE HEATED ENCLOSURE ALONG THE HEATER WALL. CONDUIT SHALL HAVE A MINIMUM BURY OF 24" FROM THE VAULT TO THE HEATED ENCLOSURE. CONDUIT SHALL BE FOR THE REMOTE WIRES ONLY. ANY OTHER WIRING SHALL HAVE A SEPARATE CONDUIT.
- IF DOMESTIC AND/OR FIRE WATER SERVICE METER(S) AND/OR THEIR BACKFLOW PREVENTER(S) ARE TO BE LOCATED INSIDE AN ABOVE GROUND HEATED ENCLOSURE THAT IS ASSE #1060 CLASS 1 APPROVED. THE ENCLOSURE SHALL HAVE A THERMOSTATICALLY OPERATED HEATER. THE HEATER SHALL BE SIZED PER THE ENCLOSURE MANUFACTURERS SPECS TO MAINTAIN A 40 DEGREE FAHRENHEIT INSIDE TEMPERATURE AT AN OUTSIDE TEMPERATURE OF MINUS 30 DEGREE FAHRENHEIT. HEAT TAPE/RODS WILL NOT BE PERMITTED.
- BACKFLOW PREVENTION DEVICES MUST BE TESTED AT THE TIME OF INSTALLATION BY A TESTER APPROVED BY THE DIVISION OF WATER BACKFLOW COMPLIANCE OFFICE. A COMPLETE LIST OF APPROVED TESTERS CAN BE FOUND AT WWW.COLUMBUS.GOV/BACKFLOW/CONSUMERS. RESULTS MUST BE SUBMITTED THROUGH THE ONLINE WEB SUBMITTAL SYSTEM AT WWW.COLUMBUS.TOKAYTEST.COM.

UNDERGROUND PRIVATE WATER SYSTEM(S) AFTER THE CITY WATER METER(S)

- SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-5781 FOR INSPECTION OF UNDERGROUND PRIVATE DOMESTIC AND/OR FIRE WATER SYSTEM(S) AFTER THE

CITY WATER METER(S). THIS WILL INCLUDE DOMESTIC WATER LOOPS AND FIRE WATER LOOPS INCLUDING PRIVATE FIRE HYDRANTS THRU THE SITE BEFORE COVERING.

- SITE UTILITY CONTRACTOR SHALL CALL CITY OF COLUMBUS - DIVISION OF FIRE AT 614-645-8673 FOR FLUSHING AND/OR PRESSURE TEST INSPECTION OF PRIVATE FIRE SYSTEM AFTER THE CITY FIRE WATER SERVICE METER AND BACKFLOW PREVENTER.
- SITE UTILITY CONTRACTOR SHALL CALL CITY OF COLUMBUS - DIVISION OF FIRE AT 614-645-8673 FOR FLUSHING AND/OR PRESSURE TEST INSPECTION OF PRIVATE COMBINED (I.E. DOMESTIC AND FIRE) SYSTEM AFTER THE CITY WATER SERVICE METER AND BACKFLOW PREVENTER.
- 4" AND LARGER PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL BE DUCTILE IRON, C-900 OR C-909 PIPE ONLY TO A POINT 5' OUTSIDE THE BUILDING FOOTPRINT.
- 3" PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL BE DUCTILE IRON OR SDR-21 PIPE ONLY TO A POINT 5' OUTSIDE THE BUILDING FOOTPRINT.
- 2" AND SMALLER PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL BE TYPE K SOFT TEMPER COPPER OR A DIVISION OF WATER APPROVED POLYTUBING ONLY TO A POINT 5' OUTSIDE THE BUILDING FOOTPRINT.