1. THE CITY’S PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED PRIOR TO BEGINNING ANY WATER SYSTEM CONSTRUCTION.

2. DE-WATERING SHALL BE PROVIDED TO KEEP GROUND WATER ELEVATION A MINIMUM OF 6 INCHES BELOW PROPOSED WATER MAIN.

3. ALL WATER MAINS SHALL BE INSTALLED ON A FIRM FOUNDATION WITH ALL UNSUITABLE MATERIAL (MUCK, ROCK, COQUINA, ETC.) REMOVED AND REPLACED WITH CLEAN GRANULAR MATERIAL.

4. TRENCHES SHALL BE BACK FILLED WITH MATERIAL ACCEPTABLE TO THE CITY, WITH A MINIMUM COMPACTION OF 98% (AASHTO T-180) IN PAVED AREAS AND 95% (AASHTO T-180) IN UNPAVED AREAS.

5. IT SHALL BE THE CONTRACTOR’S RESPONSIBILITY TO INSURE THAT TRENCH COMPACTION TESTS BE PROVIDED AT POINTS 1 FOOT ABOVE THE PIPE AND AT 2 FEET VERTICAL INTERVALS TO FINISH GRADE, AT A MINIMUM SPACING OF EVERY 300 FEET.

6. PIPE WARNING TAPE SHALL BE LOCATED 18 INCHES BELOW FINISH GRADE FOR ALL PIPES. PIPE IDENTIFICATION TAPE SHALL BE PROVIDED ON ALL PIPES.

7. ALL SINGLE RESIDENTIAL WATER SERVICES SHALL BE MINIMUM 1" AND DOUBLE RESIDENTIAL SERVICES SHALL BE MINIMUM 1-1/2" BLACK OR BLUE POLYETHYLENE TUBING. POLYBUTYLENE SHALL NOT BE USED.

8. ALL WATER SERVICE ENDINGS SHALL BE MARKED BY 2"x4" LUMBER (PRESSURE TREATED). ALL SERVICE SHALL EXTEND 6 INCHES ABOVE GRADE, SECURED TO THE BASE OF THE LUMBER. ALL SERVICES MUST BE ADJUSTED TO FINAL METER BOX LOCATION BY OWNER PRIOR TO INITIAL METER INSTALLATION.

9. WATER VALVES SHALL BE PLACED AT ALL STREET INTERSECTIONS AND AT MAXIMUM SPACING OF 1,000 FEET FOR RESIDENTIAL SERVICE (500' FOR COMMERCIAL, MULTIFAMILY AND INDUSTRIAL). AT ALL WATER TEES AND CROSSES, VALVES SHALL BE INSTALLED ON ALL BRANCHES.

10. APPROVED WATER VALVE TYPES ARE THE FOLLOWING:
   A. BRASS BALL-TYPE VALVE FOR VALVES LESS THAN 2" DIAMETER.
   B. STANDARD GATE VALVES 2" AND LARGER DIAMETER, RESILIENT WEDGE GATE VALVES (AWWA C-509)
   C. TAPPING VALVES WITH MECHANICAL TAPPING SLEEVE FOR SIZE ON SIZE STAINLESS STEEL OR EPOXY COATED SLEEVE WITH STAINLESS STEEL BOLTS AND NUTS FOR OTHERS.
11. **ALL POTABLE WATER VALVE BOXES SHALL BE ADJUSTED TO FINISH GRADE AND THE CAPS SHALL BE PAINTED BLUE TO MAKE THEM PLAINLY VISIBLE.**

12. **AS STANDARD PRACTICE, WATER MAINS SHALL BE INSTALLED 4 FEET OFF THE BACK OF THE CURB ON THE OPPOSITE SIDE OF THE RECLAIMED WATER LINES OR AS APPROVED BY THE CITY.**

13. **ALL WATER MAINS SHALL BE NSF APPROVED FOR POTABLE WATER USE, AND HAVE A MINIMUM COVER OF 36 INCHES. IN SPECIAL CASES WHERE IT IS IMPOSSIBLE OR INAPPROPRIATE TO PROVIDE ADEQUATE COVER, DUCTILE IRON PIPE OR ENCASEMENT MAY BE USED AS APPROVED BY THE CITY AND FDEP.**

14. **ALL WATER MAINS TO BE CLEARED FOR SERVICE SHALL BE FLUSHED, DISINFECTED, PRESSURE TESTED, AND BACTERIOLOGICALLY CLEANSED FOR SERVICE, IN ACCORDANCE WITH THE LATEST AWWA STANDARDS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS.**

15. **WATER MAINS SHALL BE PVC AWWA CLASS C-900, MINIMUM CL-150 (DR-18) DUCTILE IRON PIPE PRESSURE RATING, STANDARD CEMENT LINED, UNLESS OTHERWISE APPROVED BY THE CITY.**

16. **UPON CONSTRUCTION COMPLETION AND ACCEPTANCE OF THE SYSTEM, IT SHALL BE THE DESIGN ENGINEER'S RESPONSIBILITY TO INSURE THAT THE SYSTEM IS PROPERLY CERTIFIED AND ACCEPTED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION OR THE CITY PUBLIC WORKS AND "AS-BUILTS" ARE PROVIDED TO THE CITY, PRIOR TO ANY USE OF THIS SYSTEM.**

17. **WATER DISTRIBUTION SYSTEM SHALL BE DESIGNED TO COMPLY WITH THE CITY'S FIRE (WATER) FLOW CODE.**

18. **ALL WATER SERVICES SHALL BE MARKED ALONG THE OUTSIDE EDGE OF CURB WITH UPSIDE-DOWN "W" OR BY METAL TABS SET INTO PAVEMENT. VALVES FOR WATER SHALL BE MARKED BY A "V" OR METAL TABS SET INTO THE PAVEMENT. BLOW-OFFS SHALL BE MARKED WITH A "B".**

19. **BLUE REFLECTORS SHALL BE SECURELY AFFIXED TO ROADWAY (CENTER LINE OF ROAD) ADJACENT TO HYDRANT LOCATION.**

20. **WATER SERVICES SHOULD BE DOUBLE 1-1/2" SERVICES LOCATED AT SIDE LOT LINES, ALTERNATING WITH RECLAIMED WATER SERVICE LOCATIONS. IN INSTANCES WHERE WATER SERVICES NEED TO BE OFFSET, 1" SERVICES SHALL BE SPECIFIED. THESE SERVICES MAY BE OFFSET FROM THE LOT LINE A MAXIMUM DISTANCE OF 5.0 FEET.**

21. **OUT-OF-SERVICE FIRE HYDRANTS MUST BE CLEARLY MARKED (RED RING ON NOZZLE, LABELED DISK ON NOZZLE) FACING ROADWAY. ALL LABELS AND DISK PROVIDED BY THE CITY.**

22. **PRIOR TO TAKING ANY WATER LINES OUT OF SERVICE, THE CONTRACTOR SHALL NOTIFY THE CITY AND AFFECTED CUSTOMERS, IN WRITING, 48-HOURS PRIOR TO SHUTDOWN.**

23. **WATER SYSTEMS WILL BE PRESSURE TESTED AT 150 PSI STATIC PRESSURE FOR A PERIOD OF 2 HOURS PER AWWA STANDARDS. PRIVATE WATER SYSTEMS SUPPLYING FIRE HYDRANTS OR FIRE SPRINKLER SYSTEMS SHALL BE TESTED AT 200 PSI FOR 2 HOURS IN ACCORDANCE WITH NFPA 13.**
24. MEGALUGS, SPLIT-RESTRAINED BOLTLESS RESTRAINED JOINTS, OR GRIPPER GASKETS MAY BE USED ON ALL RESTRAINED JOINT INSTALLATIONS, MINIMUM DEPTH OF BURY ON ALL PIPES NOT MEETING REQUIRED COVER REQUIREMENTS SHALL FOLLOW THE MOST RECENT DIPRA THRUST RERAINT DESIGN GUIDELINES.

25. WATER VALVES SHALL BE COMPLETELY OPENED BY THE CITY, IN THE PRESENCE OF THE CONTRACTOR, PRIOR TO FINAL ACCEPTANCE OF ANY NEW WATER SYSTEM.

26. ALL FIRE HYDRANTS SHALL BE CONSTRUCTED TO MAKE THEM EASILY ACCESSIBLE TO FIRE PERSONNEL IN CASE OF A FIRE. THE MAIN NOZZLE SHOULD ALWAYS FACE THE STREET AND BE 18" - 22" ABOVE GRADE.

27. HYDRANT LOCATION AND SPACING SHALL BE AS PER ARTICLE 7.9.2.3.1 OF THE LAND DEVELOPMENT CODE.
2 1/2" HOSE NOZZLES
BREAKABLE BARREL COUPLING OR FLANGE
FINISHED GRADE

24"x24"x6" CONCRETE COLLAR
NOTE #3

15"SQ. MIN.

6" STANDARD HYDRANT WITH 5 1/4" OPENING
CAP CHAINS
ONE PUMPER OUTLET ON STREET SIDE
PROVIDE CONCRETE COLLAR

18"X18"X6" CONCRETE COLLAR WITH #4 REBAR **
TRACING WIRE, SEE DETAIL GU004 *
CAST IRON BOX
6" MECHANICAL JOINT GATE VALVE

LOCKING 6" HYDRANT ADAPTER AND/OR HYDRANT TEE, OR 3/4" TIE RODS (MIN 2 PER CONNECTION PIECE)
UNDISTURBED EARTH

* COIL EXCESS TRACING WIRE IN BOX. (MIN 12")
** A 16" DIAMETER X 6" THICK CIRCULAR COLLAR MAY BE SUBSTITUTED FOR THE 18"X18"X6" COLLAR.

NOTES:


2. CONCRETE COLLAR AROUND LOWER BARREL OF HYDRANT IN SANDY SOIL OR HYDRANTS CONNECTED TO P.V.C. MAINS.

3. HYDRANT BASE AND TEE MUST BE WRAPPED IN 4 MIL POLYETHYLENE. NO CONCRETE WILL EXTEND ABOVE MID LINE OF PIPE

4. WEEP HOLES TO BE PLUGGED.

5. A VERTICAL CLEARANCE SHALL BE MAINTAINED FOR A HORIZONTAL DISTANCE OF 5 FEET IN ALL DIRECTIONS AROUND ALL HYDRANTS.

6. PRIVATELY-OWNED WATER SYSTEM HYDRANTS SHALL BE MAINTAINED BY OWNERS.
NOTES:

1. THE CITY INSTALLS THE METER AND DUAL CHECK VALVE(S) IN THE SERVICE BOX. CONTRACTOR SPECIFIES 3/4" OR 1" SIZING FOR THE METER AND DUAL CHECK VALVES.

2. METER SHALL BE INSTALLED BETWEEN SIDEWALK AND CURB AND IN NO CASE SHALL IT BE INSTALLED IN SIDEWALK OR OTHER PAVED AREAS.

3. A DUAL CHECK BACKFLOW PREVENTER WILL BE FURNISHED WITH METER BY CITY OF ALTAMONTE SPRINGS ON ALL SINGLE FAMILY SERVICE CONNECTIONS. BACKFLOW PREVENTERS WILL NOT BE SUPPLIED BY THE CITY OF ALTAMONTE SPRINGS ON COMMERCIAL SERVICE CONNECTIONS. BACKFLOW PREVENTER REQUIREMENTS WILL VARY FOR COMMERCIAL CONNECTIONS.

4. ALL POTABLE WATER SERVICE AND PROPERTIES WITH ALTERNATIVE WATER SYSTEMS (WELL, ETC.) REQUIRE AN ABOVE GROUND BACKFLOW PROTECTION DEVICE ON THE OUTLET SIDE OF THE METER.

5. SERVICE LINES SHALL NOT BE LESS THAN METER SIZE.
NOTES:

1. THE CITY INSTALLS THE METER IN THE SERVICE BOX.

2. METER SHALL BE INSTALLED BETWEEN SIDEWALK AND CURB AND IN NO CASE SHALL IT BE INSTALLED IN SIDEWALK OR OTHER PAVED AREAS.

3. THE CONTRACTOR IS REQUIRED TO INSTALL AN ABOVE GROUND BACKFLOW PROTECTION DEVICE ON THE OUTLET SIDE OF THE METER. THE TYPE OF BACKFLOW PROTECTION DEVICE WILL VARY AND BE DETERMINED BY THE CROSS CONNECTION CONTROL SUPERVISOR BASED ON THE DEGREE OF HAZARD.

4. ALL POTABLE WATER SERVICE AND PROPERTIES WITH ALTERNATE WATER SYSTEMS (WELL, ETC.) REQUIRE AN ABOVE GROUND BACKFLOW PROTECTION DEVICE ON THE OUTLET SIDE OF THE METER.

5. SERVICE LINES SHALL NOT BE LESS THAN METER SIZE.
1. THE CITY Installs the meter in the service box.

2. METER SHALL BE INSTALLED BETWEEN SIDEWALK AND CURB AND IN NO CASE SHALL IT BE INSTALLED IN SIDEWALK OR OTHER PAVED AREAS.

3. THE CONTRACTOR IS REQUIRED TO INSTALL AN ABOVE GROUND BACKFLOW PROTECTION DEVICE ON THE OUTLET SIDE OF THE METER. THE TYPE OF BACKFLOW PROTECTION DEVICE WILL VARY AND BE DETERMINED BY THE CROSS CONNECTION CONTROL SUPERVISOR BASED ON THE DEGREE OF HAZARD.

4. ALL POTABLE WATER SERVICE AND PROPERTIES WITH ALTERNATE WATER SYSTEMS (WELL, ETC.) REQUIRE AN ABOVE GROUND BACKFLOW PROTECTION DEVICE ON THE OUTLET SIDE OF THE METER.

5. SERVICE LINES SHALL NOT BE LESS THAN METER SIZE.

POTABLE WATER - SINGLE SERVICE CONNECTION (2-INCH)
NOTES:

1. THE CITY INSTALLS THE METER AND DUAL CHECK VALVE(S) IN THE SERVICE BOX. CONTRACTOR SPECIFIES 3/4" OR 1" SIZING FOR THE METER AND DUAL CHECK VALVES.

2. METER SHALL BE INSTALLED BETWEEN SIDEWALK AND CURB AND IN NO CASE SHALL IT BE INSTALLED IN SIDEWALK OR OTHER PAVED AREAS.

3. A DUAL CHECK BACKFLOW PREVENTER WILL BE FURNISHED WITH METER BY CITY OF ALTAMONTE SPRINGS ON ALL SINGLE FAMILY SERVICE CONNECTIONS. BACKFLOW PREVENTERS WILL NOT BE SUPPLIED BY THE CITY OF ALTAMONTE SPRINGS ON COMMERCIAL SERVICE CONNECTIONS. BACKFLOW PREVENTER REQUIREMENTS WILL VARY FOR COMMERCIAL CONNECTIONS.

4. ALL POTABLE WATER SERVICE AND PROPERTIES WITH ALTERNATIVE WATER SYSTEMS (WELL, ETC.) REQUIRE AN ABOVE GROUND BACKFLOW PROTECTION DEVICE ON THE OUTLET SIDE OF THE METER.

5. SERVICE LINES SHALL NOT BE LESS THAN METER SIZE.
NOTES:

1. THE CITY SUPPLIES AND INSTALLS THE METER, CURB STOP AND DUAL CHECK VALVE(S) IN THE SERVICE BOX. CONTRACTOR SPECIFIES A 3/4" OR 1" SIZING FOR THE METER AND DUAL CHECK VALVE(S).

2. OPTIONS No. 1 AND 2: DUAL CHECK VALVE (ASSE 1048 OR ASSE 1024) REQUIRED TO SEPARATE POTABLE FROM FIRE SPRINKLER WATER. CONTRACTOR PROVIDED.

3. OPTION No. 3: CITY-PROVIDED FORD DUAL CHECK VALVE - MODEL No. HHC31-444 REQUIRED.

4. THE METER AND DUAL CHECK VALVE LOSS MUST BE INCLUDED IN THE FIRE SPRINKLER SYSTEM HYDRAULIC CALCULATIONS. CONTACT THE PUBLIC WORKS DEPARTMENT AT 407-571-8533 TO OBTAIN MANUFACTURE AND MODEL OF EACH DEVICE.
1. SERVICE BOX FURNISHED BY CITY OF ALTAMONTE SPRINGS.
2. METER SHALL BE INSTALLED BETWEEN SIDEWALK AND CURB AND IN NO CASE SHALL IT BE INSTALLED IN THE SIDEWALK OR OTHER PAVED AREAS.
3. THE CITY WILL SUPPLY AND INSTALL THE DUAL CHECK VALVES, METER, "U", AND CURB STOP. CONTRACTOR TO SPECIFY SIZING OF FIRE SPRINKLER DUAL CHECK VALVE AND "U" AT 3/4" OR 1".
4. THE CUSTOMER WILL BE REQUIRED TO PAY FOR CURB STOP, "U" BRANCH AND DUAL CHECK VALVES EXCEEDING 1".
5. THE FIRE SPRINKLER DESIGNER MUST CONTACT THE PUBLIC WORKS DEPARTMENT AT 407-571-8533 TO OBTAIN MANUFACTURE SPECIFICATIONS FOR THE DUAL CHECK VALVE TO INCLUDE THIS LOSS IN THE FIRE SPRINKLER SYSTEM HYDRAULIC CALCULATIONS.

* COIL EXCESS TRACING WIRE IN BOX

POTABLE WATER - ONE & TWO-FAMILY COMBINATION FIRE SERVICE

CITY OF ALTAMONTE SPRINGS
950 CALABRIA DRIVE
ALTAMONTE SPRINGS, FLORIDA 32714
1. All domestic meters to be compound or fire line.
2. Irrigation meters to be approved turbine meters.
3. Meters up to and including 2" to be purchased from the city.
4. Meters larger than 2" to be approved by city engineer & purchased by owner.
5. Meters to be installed above ground.

Notes:

- Flanged coupling adapter
- Tracing wire see detail GU004
- Ductile iron pipe
- Direction of water flow: upstream, downstream
- Children's gate valve
- Wheel operated valve to be accessible and lockable.
- Reduced pressure zone principle backflow preventer (detail below)
- By-pass line to be constructed below grade
- Inlet gate valve
- Reduced pressure zone
- Outlet gate valve
- First check valve
- Second check valve
- Zone 1
- Zone 2
- Zone 3
- Relief valve (rotated 90° for clarity)

Applicable standards:
- A.S.S.E. 1013
- A.W.W.A. C506
- FCCCHR of USC

Public Works & Utilities Engineering & Design Standards
City of Altamonte Springs
950 Calabria Drive
Altamonte Springs, Florida 32714

Master Meter Assembly
With by-pass & reduced pressure backflow prevention assembly

Issued 2017
Revised 03/01/2017 by DJB
1. HYDRANT MUST BE FULLY OPENED DURING USE.
2. METER AND BACKFLOW ASSEMBLY SUPPLIED BY CITY ONCE DEPOSIT IS PAID.
3. VALID FOR 1" AND 2" TEMPORARY METERS.
4. ASSEMBLY MUST BE RETURNED TO CITY PRIOR TO ISSUANCE OF CERTIFICATION OF OCCUPANCY.
1) A TEMPORARY JUMPER CONNECTION IS REQUIRED AT ALL CONNECTIONS BETWEEN EXISTING ACTIVE WATER MAINS AND PROPOSED NEW WATER MAIN IMPROVEMENTS.

2) THE DETAIL ON THE FOLLOWING PAGE IS TO BE USED FOR FILLING ANY NEW WATER MAIN OF ANY SIZE FROM EXISTING ACTIVE WATER MAINS AND FOR FLUSHING OF NEW MAINS UP TO 8" DIAMETER (2.5 FPS MINIMUM VELOCITY), AND FOR PULLING BACTERIOLOGICAL SAMPLES FROM ANY NEW WATER MAIN OF ANY SIZE. THE JUMPER CONNECTION SHALL BE MAINTAINED UNTIL AFTER FILLING, FLUSHING, TESTING AND DISINFECTION OF THE NEW MAIN HAS BEEN SUCCESSFULLY COMPLETED AND CLEARANCE FOR USE FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND OTHER PERTINENT AGENCIES HAS BEEN RECEIVED. ADEQUATE THRUST BLOCKING AND/OR RESTRAINTS SHALL BE PROVIDED TEMPORARILY, AS REQUIRED. PIPE AND FITTINGS USED FOR CONNECTING THE NEW PIPE TO THE EXISTING PIPE SHALL BE DISINFECTED PRIOR TO INSTALLATION IN ACCORDANCE WITH AWWA C 651, 1992 EDITION. THIS TAPPING SLEEVE AND EXTERIOR OF THE MAIN, TO BE TAPPED, SHALL BE DISINFECTED BY SPRAYING OR SWABBING PER SECTION II OF AWWA C 651.

3) FLUSHING OF 10" DIAMETER AND LARGER WATER MAINS MAY BE DONE THROUGH THE TIE-IN VALVE UNDER VERY CONTROLLED CONDITIONS. THE FOLLOWING PROCEDURES SHALL BE FOLLOWED.
   A. THE TIE-IN VALVES SHALL BE OPERATED AND PRESSURE TESTED IN THE PRESENCE OF THE UTILITY COMPANY AND ENGINEER TO VERIFY WATER TIGHTNESS PRIOR TO THE TIE-IN. VALVES WHICH ARE NOT WATERTIGHT SHALL BE REPLACED OR A NEW VALVE INSTALLED IMMEDIATELY ADJACENT TO THE LEAKING VALVE.
   B. THE TEMPORARY JUMPER CONNECTION SHALL BE CONSTRUCTED AS DETAILED. THE JUMPER CONNECTION SHALL BE USED TO FILL THE NEW WATER MAIN AND FOR PROVIDING WATER FOR BACTERIOLOGICAL SAMPLING OF THE NEW MAIN AS REQUIRED BY THE FDEP PERMIT.
      - FLUSHING SHALL NOT BE ATTEMPTED DURING PEAK DEMAND HOURS OF EXISTING WATER MAINS.
      - ALL DOWNSTREAM VALVES IN THE NEW SYSTEM MUST BE OPEN PRIOR TO OPENING THE TIE-IN VALVE.
      - PROVIDE FOR AND MONITOR THE PRESSURE AT THE TIE-IN POINT. THE PRESSURE IN THE EXISTING MAIN MUST NOT DROP BELOW 35 PSI.
      - TIE-IN VALVE SHALL BE OPENED A FEW TURNS ONLY ENSURING A PRESSURE DROP ACROSS THE VALVE IS ALWAYS GREATER THAN 10 PSI.
   C. THE TIE-IN VALVE SHALL BE LOCKED CLOSED BY THE UTILITY COMPANY UNTIL FLUSHING BEGINS.
   D. THE TIE-IN VALVE SHALL BE OPENED ONLY FOR FLUSHING OF THE NEW MAIN. THE PROCEDURE SHALL BE DIRECTED BY THE UTILITY COMPANY AND OBSERVED BY THE ENGINEER.
   E. AFTER FLUSHING, THE TIE-IN VALVE SHALL BE CLOSED AND LOCKED IN THE CLOSED POSITION BY THE UTILITY COMPANY.

4) THE CONTRACTOR SHALL PROVIDE DOCUMENTATION DEMONSTRATING THAT THE DOUBLE CHECK BACKFLOW PREVENTION DEVICE HAS BEEN TESTED AND IS IN GOOD WORKING ORDER AT THE TIME OF INSTALLATION.

5) EXCEPT AS REQUIRED TO FLUSH THE LINES OR FOR LINES GREATER THAN 8" IN DIAMETER, THE TIE-IN VALVE SHALL REMAIN CLOSED AND SHALL BE LOCKED IN THE CLOSED POSITION BY THE UTILITY COMPANY. THE TIE-IN VALVE SHALL REMAIN LOCKED CLOSED UNTIL THE NEW SYSTEM HAS BEEN CLEARED FOR USE BY FDEP AND ALL OTHER PERTINENT AGENCIES.

6) UPON RECEIPT OF CLEARANCE FOR USE FROM FDEP AND ALL OTHER PERTINENT AGENCIES, THE CONTRACTOR SHALL REMOVE THE TEMPORARY JUMPER CONNECTION. THE CORPORATION STOPS ARE TO BE CLOSED AND PLUGGED WITH 2" BRASS PLUGS.

7) ALL INSTALLATION AND MAINTENANCE OF THE TEMPORARY JUMPER CONNECTION AND ASSOCIATED BACKFLOW PREVENTION DEVICE, FITTINGS, VALVE, ETC., SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
TEMPORARY JUMPER CONNECTION DETAIL

NOTE: METER AND BACKFLOW PREVENTER TO BE OBTAINED FROM THE CITY.
NOTES:

1. ALL METERS SHALL BE PURCHASED FROM THE CITY.
2. LOCATION SHALL BE COORDINATED WITH UTILITY BILLING & PUBLIC WORKS DEPARTMENT.
3. SERVICE LINES SHALL NOT BE LESS THAN METER SIZE.
4. BOLLARDS MAY BE REQUIRED IN TRAFFIC AREAS.
5. PROVIDE PIPE SUPPORTS WHERE NEEDED.
NOTES:

1. WATER METERS ARE TO BE LOCATED NO HIGHER THAN 5 FEET FROM THE FLOOR IN AN ACCESSIBLE AREA.
2. WATER METERS CAN BE INSTALLED IN A VERTICAL OR HORIZONTAL POSITION.
3. THE LOCATION OF THE WATER METER IS SUBJECT TO COMMENT BY THE CITY’S BUILDING AND FIRE SAFETY (B/FS) PLUMBING INSPECTOR.
4. ALL WATER METERS SHALL BE ISSUED BY, AND/OR PURCHASED FROM, THE CITY OF ALTAMONTE SPRINGS.
5. TO REUSE THE EXISTING CITY-ISSUED WATER METERS, CONTACT THE CITY OF ALTAMONTE SPRINGS UTILITY BILLING DEPARTMENT WITH THE SERIAL NUMBER, NAME OF BUSINESS AND SUITE NUMBER TO OBTAIN WRITTEN APPROVAL. WRITTEN APPROVAL SHALL BE REQUIRED TO BE PRESENTED TO THE PLUMBING INSPECTOR AT THE TIME OF INSPECTION. (NO OTHER WATER METERS WILL BE ACCEPTED.)
6. IF AN EXISTING WATER METER IS LOCATED OR REMOVED, THE WATER SERVICE MUST BE PERMANENTLY CAPPED OFF. ALL WATER METERS REMOVED FROM SERVICE MUST BE RETURNED TO THE CITY.
7. ALL WATER METERS SHALL HAVE A BRASS, LOCKABLE CURB STOP UPSTREAM OF THE METER.