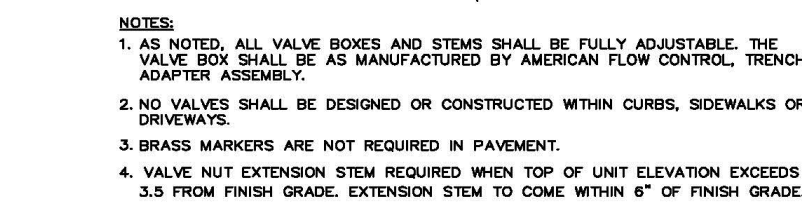
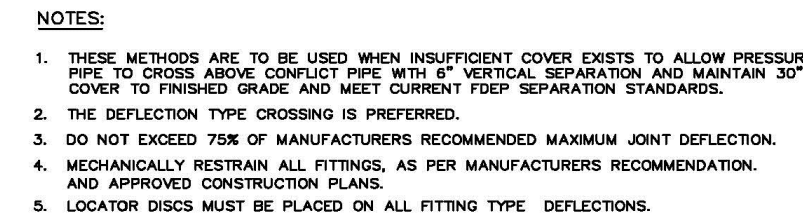
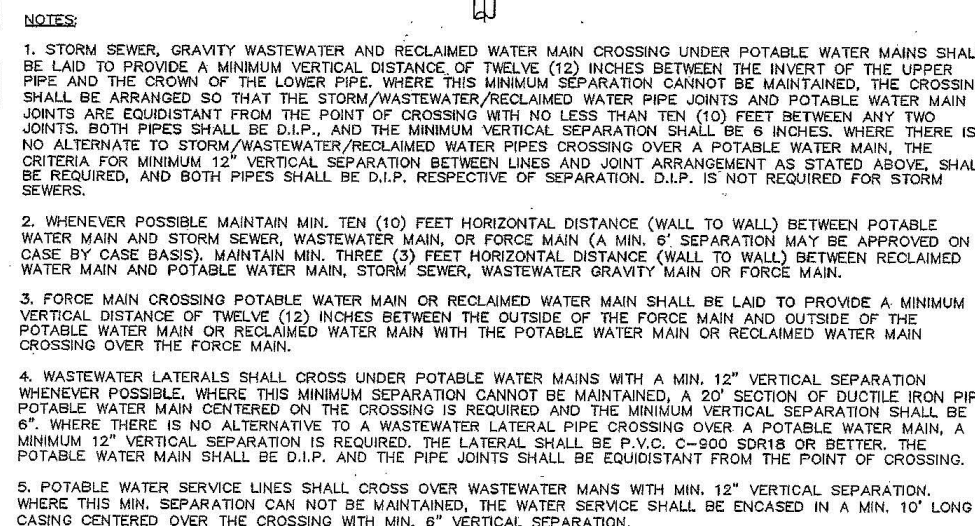
TYPICAL TRENCH DETAIL

TYPICAL VALVE SETTING



PRESSURE PIPE CONFLICT DETAIL



CONSTRUCTION STANDARDS & DETAILS

[illegible]

40"x	301	290	294	289	283	286	249	228	183	131	71	-
NOTES:												
1. THE DATA IN THE ABOVE TABLE ARE BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:												
SOIL TYPE-SAND TEST PRESSURE-150 PSI/200 PSI DEPTH OF BURY-3"												
TRENCH TYPE-3 SAFETY FACTOR-1.5 VERTICAL OFFSET-3"												
MINIMUM PIPE LENGTH ALONG TIE RUN-5'												
2. THE RESTRAINED PIPE LENGTHS APPLY TO DUCTILE IRON AND PVC PIPE.												
ALL JOINTS BETWEEN UPPER AND LOWER BOWLS SHALL BE RESTRAINED.												
3. RESTRAINED PIPE LENGTHS APPLY TO PIPE ON BOTH SIDES OF VALVES AND FITTINGS.												

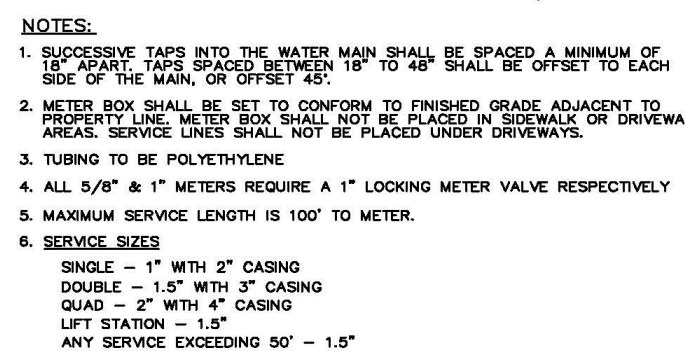
CONSTRUCTION STANDARDS & DETAILS

PAVEMENT REPLACEMENT DETAIL

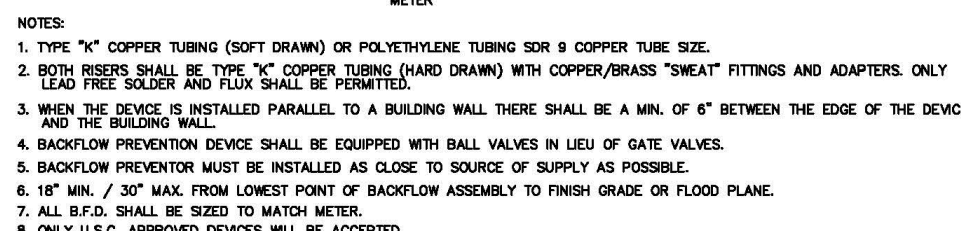
- THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE (1) COPY OF THE DOCUMENTS, INCLUDING PLANS, SPECIFICATIONS AND COPIES OF ALL REQUIRED CONSTRUCTION PERMITS.
2. THE CONTRACTOR SHALL CONTACT ALL CONCERNED UTILITIES AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION OPERATIONS.
3. THE LOCATION AND SIZE OF ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHOD AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS. ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS SHALL BE RESOLVED BY THE ENGINEER AND THE VILLAGE PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE HIS COMPLETE FAMILIARITY WITH THE PROJECT SITE AND ITS COMPONENTS TO INCLUDE SUBSURFACE CONDITIONS OF SOIL AND GROUNDWATER TABLE, BY SURVEYING THE PROJECT. PRIOR TO THIS PROJECT, THE CONTRACTOR ACKNOWLEDGES HIS COMPLETE UNDERSTANDING AND RESPONSIBILITIES WITH RESPECT TO THE CONSTRUCTION ACTIVITIES REQUIRED UNDER THE SCOPE OF THIS PROJECT.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND RESTORATION (IF DAMAGED) OF ALL EXISTING STRUCTURES WITHIN THE BOUNDARY LIMITS OF THE PROJECT, INCLUDING BUT NOT LIMITED TO, WALLS, FENCES, POWER POLES, MAIL BOXES, DRAINAGE STRUCTURES, LANDSCAPING, ETC.
6. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING 48 HOURS BEFORE DIGGING:
1. FLUOR POWER & LIGHT
 2. SOUTHERN BELL TELEPHONE
 3. ADELPHI CABLE TV
 4. SUNSHINE STATE ONE CALL FLORIDA INC.
7. VILLAGE OF WELLINGTON (VOW) WRITTEN SPECIFICATIONS AND STANDARD DETAILS (LATEST EDITION) SHALL BE IN CONFORMANCE PART OF THIS PROJECT AND CONSTRUCTION SHALL BE ENFORCED TO AT LEAST THE MINIMUM STANDARDS.
8. ALL MATERIAL MUST CONFORM TO APPROVED SHOP DRAWINGS. ANY CHANGES MUST BE APPROVED BY THE ENGINEER AND VOW PRIOR TO INSTALLATION. FAILURE OF THE INSPECTOR TO CALL TO THE ATTENTION OF THE CONTRACTOR ANY ITEM NOT IN CONFORMANCE WITH PLANS AND SPECS SHALL NOT CONSTITUTE ACCEPTANCE OF THE ITEM.
9. VOW REPRESENTATIVES SHALL BE PRESENT DURING ALL OPERATIONS INVOLVING EXISTING UTILITIES.
10. NO CONCRETE THRUST BOLDS WILL BE ALLOWED. ALL JOINTS SHALL BE MECHANICALLY RESTRAINED AS REQUIRED BY THE VOW.
11. SERVICE INTERRUPTIONS REQUIRE MINIMUM OF TWO (2) WEEKS PRIOR NOTIFICATION.

GENERAL CONSTRUCTION NOTES (WATER)

11. ALL PIPING MUST BE INSTALLED DRY.
12. MINIMUM COVER SHALL BE 36 INCHES FROM FINISH GRADE.
 - MINIMUM COVER UNDER DITCH/CANAL BOTTOMS SHALL BE 24 INCHES.
 - MAXIMUM COVER SHALL BE 42 INCHES FROM FINISHED GRADE.
14. DIP SHALL BE REQUIRED IN THE FOLLOWING CIRCUMSTANCES (WATER MAIN):
 - A. WITHIN 10 FEET OF SANITARY AND STORM PIPES.
 - B. WITHIN 10 FEET OF STRUCTURES, CANALS OR LAKES.
 - C. CROSSINGS OVER AND UNDER SEWER, CANAL CROSSINGS, GAS AND STORM PIPES WITH LESS THAN 12 INCHES SEPARATION.
 - D. BENEATH ALL PAVED AREAS.
 - E. WITHIN EASEMENTS.
15. TAPPING SLEEVES & VALVES SHALL BE A MINIMUM OF 3 FEET FROM A PIPE JOINT AND SERVICE TAPS SHALL BE A MINIMUM OF 18 INCHES APART AND 18 INCHES FROM A BELL OR FITTING.
16. AN APPROPRIATELY SIZED SCHEDULE 40 PVC CASING IS REQUIRED FOR ALL SERVICES THAT CROSS UNDER PAVEMENT ENDS SHALL BE PLOUGED WITH FOM RUBBER OR APPROVED ALONG AND SHALL BE LEFT EXPOSED FOR VISUAL INSPECTION - SEE DETAIL 21.
17. APPROPRIATELY MARKED 6 INCH METALLIC BACKED INDICATOR TAPE IS REQUIRED OVER ALL PVC MAINS INSTALLED ONE (1) FOOT BELOW GRADE.
18. ALL FIRE HYDRANTS SHALL MAINTAIN PROPER CLEARANCE PER FDIC FIRE MARSHAL STANDARDS.
19. PAVEMENT REPLACEMENT, INCLUDING CURB, GUTTERS AND STRIPING SHALL OCCUR WITHIN SEVEN (7) WORKING DAYS FOLLOWING COMPLETION OF OPEN CUT WORK.
20. ALL EXPOSED (ABOVE GRADE) DUCTILE IRON WATER MAIN SHALL BE COLOR CODED THEMED SAFETY BLUE. EXPOSED FIRE LINE DUCTILE IRON PIPING SHALL BE THEMED SAFETY RED.
21. ALL BAKFLOW ASSEMBLIES MUST BE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTERS (RP2).
22. FIRE LINE PIPING MUST BE D.I.P. SPECIAL CLASS 35, INSTALLED FROM MAN TO AND THROUGH BACKFLOW ASSEMBLY.
23. USE OF REPAIR SLEEVES AND / OR REPAIR COUPLINGS IS PROHIBITED WITHOUT PRIOR APPROVAL FROM VILLAGE ENGINEER.
24. ALL MATERIALS FOR CONNECTION TO EXISTING MAINS (IF N.E.T TO ATMOSPHERE INSTALLED) MUST BE PRESENT AT OR SCHEDULED CONNECTION DATE. IF NOT, CONNECTION WILL BE CANCELLED.

GENERAL CONSTRUCTION NOTES (WATER)

FOR



TYPICAL COMMERCIAL METER / BACKFLOW
PREVENTION DETAIL (3/4" TO 2")