



UTILITY NOTES

- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
8" PVC SDR35 PER ASTM D 3034, FOR PIPES LESS THAN 12' DEEP
8" PVC SDR26 PER ASTM D 3034, FOR PIPES MORE THAN 12' DEEP
6" PVC SCHEDULE 40
DUCTILE IRON PIPE PER AWWA C150
- WATER LINES SHALL BE AS FOLLOWS:
6" AND LARGER PVC C-900 PER ASTM D 2241
CLASS 200 UNDER COUNTY ROADS, OTHERWISE CLASS 150
6" AND LARGER DUCTILE IRON PIPE PER AWWA C150
SMALLER THAN 6" EITHER COPPER TUBE TYPE "L" (SOFT) PER ANSI B16.22 OR PVC 200 P.S.I., PER ASTM D1784 AND D2241.
- UNDERGROUND WATER LINES SHALL BE TESTED TO 200 PSI FOR 2 HOURS, PER NFPA 24, 10.10.2.2.
- MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
- ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH THRUST BLOCKING AS CALLED OUT IN SPECIFICATIONS.
- ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATER LINES.
- IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE. MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
- LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
- TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT/SIDEWALK ELEVATIONS, AND TO BE ONE FOOT ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS.
- ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
- EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
- REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF CITY OF ST. PETERSBURG WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- PROVIDE 10' MIN. SEPARATION FROM EXISTING TREES TO PROPOSED UTILITY LINES.
- LIMITS OF WORK LINE IS OFFSET/SHOWN EXAGGERATED FOR CLARITY PURPOSE ONLY. THE PROPOSED LIMITS OF WORK LINE IS ALONG FACE OF SEA WALLS, MATCHING CONSTRUCTION LIMITS ALONG PIER (BY OTHERS), AND MATCHING EDGE OF PAVEMENT AND CONCRETE SHOWN ON PLAN.

CITY OF ST. PETERSBURG NOTES

- ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA PRIOR TO CONSTRUCTION AND CALL THE SUNSHINE STATE ONE CALL 811 TWO FULL BUSINESS DAYS BEFORE YOU DIG TO HAVE UNDERGROUND UTILITIES LOCATED AND MARKED.
- THE CONTRACTOR SHALL NOT OPERATE OR PRESSURE TEST AGAINST ANY CITY INSTALLED VALVES OR FITTINGS.
- CITY ENGINEERING RIGHT OF WAY PERMIT WILL BE REQUIRED FOR ALL WORK WITHIN THE CITY OF ST. PETERSBURG PUBLIC RIGHT OF WAY INCLUDING SANITARY SEWER MAIN CONSTRUCTION, ROADWAY PAVEMENT, AND CURB WORK. THE RIGHT OF WAY PERMIT IS NOT INCLUDED WITH ON-SITE PERMITTING WHICH IS DONE THROUGH THE CITY'S CONSTRUCTION SERVICES AND PERMITTING DIVISION.

LEGEND

PROJECT LIMITS	
	PROPOSED TRANSFORMER PAD WITH BOLLARD
	PROPOSED UNDERGROUND CONDUIT
	PROPOSED UNDERGROUND CONDUIT
	PROPOSED WATER LINE
	PROPOSED SANITARY SEWER LINE
	PROPOSED STORM SEWER PIPE
	PROPOSED REDUCER (SEE UTILITY PLAN FOR FITTING SIZE)
	PROPOSED BENDS (90°, 45°, 22.5°, AND 11.25°) (SEE UTILITY PLAN FOR FITTING)
	PROPOSED SPIGOT
	PROPOSED SANITARY SEWER MANHOLE
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	EXISTING UNDERGROUND CONDUIT
	EXISTING UNDERGROUND CONDUIT
	EXISTING WATER SEWER LINE
	EXISTING BACK FLOW PREVENTER
	EXISTING WATER VALVE
	EXISTING WATER METER
	EXISTING SPIGOT
	EXISTING SANITARY SEWER LINE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING STORM SEWER PIPE
	EXISTING RECLAIMED WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING GRATE INLET
	EXISTING VALVE

SITE LEGEND

- PROPOSED ABOVE GROUND BACKFLOW PREVENTER AND METER CONSTRUCTED BY CITY OF ST. PETERSBURG
- PROPOSED ABOVE GROUND COMPOUND AND BACKFLOW CONSTRUCTED BY CITY OF ST. PETERSBURG
- INDICATES LIMITS OF PUBLIC WATERMAIN
- INDICATES LIMITS OF PUBLIC SANITARY SEWER LINE
- 7" CONDUITS FOR CITY FIBER OPTIC / LOW VOLTAGE, FRONTIER AND BRIGHTHOUSE CABLE. COORDINATE TERMINATION POINTS WITH PRIVATE UTILITIES AND CITY DEPT. OF TECHNOLOGY.

PUBLIC WATER MAIN

THE CITY OF ST. PETERSBURG WILL DEMOLISH EXISTING 8" WATER MAIN AND CONSTRUCT A NEW 8" PUBLIC WATER MAIN. CONTRACTOR IS TO COORDINATE WITH THE CITY FOR ALL POINTS OF CONNECTION WITHIN PIER RIGHT OF WAY.

