



LEGEND	
---	EXISTING SANITARY SEWER MAIN
○	PROPOSED SANITARY SEWER MANHOLE
---	EXISTING WATER MAIN
---	PROPOSED WATER MAIN FITTINGS
---	PROPOSED FIRE HYDRANT ASSEMBLY
●	SAMPLE POINT LOCATION
---	DOUBLE WATER SERVICE
---	SINGLE WATER SERVICE
---	DOUBLE SEWER SERVICE W/CLEAN OUT
---	SINGLE SEWER SERVICE W/CLEAN OUT
---	GHOSTED DRAINAGE
---	WATER/DRAINAGE CONFLICT

CITY OF COCONUT CREEK NOTE:

- NO VALVES, METERS, FIRE HYDRANTS, CLEANOUTS, MANHOLES, OR OTHER UTILITY APPURTENANCES ARE TO BE PLACED IN, OR ADJACENT TO SIDEWALKS, CURBS, PARKING SPACES OR OTHER SUCH SITE FEATURES SO AS TO PRESENT A HAZARD OR RESTRICT THE MAINTENANCE OR OPERATION OF THE UTILITY INFRASTRUCTURE.

SANITARY SEWER LEAKAGE TEST NOTE:

- LEAKAGE TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROCEDURE FOR RECOMMENDED PRACTICE FOR LOW PRESSURE AIR TESTING OF INSTALLED SEWER PIPE BY UNI-BELL PVC PIPE ASSOCIATION LATEST ADDITION OR EQUIVALENT.

SPECIFIC NOTES:

- CONSTRUCTION OF THE SANITARY SEWER MUST BEGIN AT THE SYSTEM LOW POINT (NW 42ND AVENUE) AND CONTINUE IN AN UPWARD FASHION TO THE SYSTEM HIGH POINT. THERE IS NO EXCEPTION TO THIS REQUIREMENT.
- ALL WATER MAINS SHALL BE DIP CLASS 51 OR HIGHER MEETING ANWA SPECIFICATIONS C-151 OR C-106 LATEST PROVISIONS. THE CITY OF COCONUT CREEK INSPECTOR MUST BE PRESENT FOR ALL DENSITIES.
- SEE SEWER PROFILE SHEETS FOR LOCATIONS OF SEWER DIP, AND FOR RESOLUTION OF POTENTIAL UTILITY CONFLICTS.
- DENSITY TESTS SHALL BE PERFORMED BY A CERTIFIED GEOTECHNICAL ENGINEERING FIRM DURING INSTALLATION OF THE UTILITIES.
- REFER TO BOUNDARY & TOPOGRAPHIC SURVEY FOR EXISTING LOCATIONS & TOPOGRAPHIC CONDITIONS.

STANDARD NOTES:

- HORIZONTAL SEPARATIONS**  
Wherever it is physically possible:  
Sanitary sewer systems require a preferred 10-foot horizontal separation distance (minimum 6-foot) outside to outside of pipe between any potable water main parallel installations.  
Reclaimed water mains require a minimum of 3 foot outside to outside of pipe horizontal separation distance between any potable water main and/or a sanitary sewer system parallel installations.  
Wherever either are not physically possible, then the potable water main shall be laid at the maximum physical horizontal separation distance possible, and either laid:  
A) in a separate trench;  
B) on an undisturbed earth shelf; and conforming to the minimum Vertical Crossings in paragraph 11.
- CONFLICTS**  
Wherever it is not possible to maintain the minimum standards in 1) and 2), then all piping material shall be ductile iron pipe (DIP). All DIP shall be class 50 or higher. Adequate protective measures against corrosion shall be used as determined by the design and site conditions. Additionally, the potable water main shall a full joint centered on the conflict and mechanically restrained. An absolute minimum vertical separation distance of 6 inches shall be provided between the invert of the upper pipe and the crown of the lower pipe.

DIP SEWER SPECIFICATIONS:

- ALL DIP GRAVITY SEWER SHALL BE POLYLINE.

RECORD DRAWING REQUIREMENTS:

- WATER AND SEWER AS-BUILT DRAWINGS AND DISKETTES SHALL BE SUBMITTED TO THE CITY AFTER COMPLETION OF THE PROJECT. AS-BUILT DRAWINGS SHALL CONSIST OF:
  - FOUR (4) COMPLETED, FULL SETS OF BLUEPRINTS, SIGNED & SEALED.
  - ONE (1) FULL COMPLETED, SETS OF MYLARS.
- AS-BUILT INFORMATION SHALL INCLUDE:
  - DISTANCE AND OFFSET FROM A REFERENCED POINT FOR WATER MAIN, FITTINGS, VALVES, SERVICE LINES, BLOW OFFS, FIRE HYDRANTS, ETC.
  - ELEVATION OF TOP OF PIPE FOR WATER MAIN AND FORCE MAIN AT 50 FOOT INTERVALS, FITTINGS, VALVES, AND PIPE AT CROSSINGS.
  - ELEVATION OF MANHOLE RIMS AND INVERTS.
  - DISTANCE OF SEWER PIPE BETWEEN MANHOLES.
  - TYPE OF MATERIALS INSTALLED INCLUDING LOCATIONS OF CHANGE OF MATERIALS.

48 HOURS BEFORE DIGGING  
CALL SUNSHINE  
TOLL FREE  
1-800-432-4770  
UNDERGROUND UTILITIES NOTIFICATION  
CENTER OF FLORIDA

PROJECT:	LONG PINES	TITLE:	SANITARY SEWER COLLECTION SYSTEM PLAN	SHEET NUMBER:	WS1
DATE:	02/28/12	REVISIONS:		OF	6
SCALE:	1" = 30'	DATE:			
DRAWN BY:	HEJ	COMMENTS:			
CHECKED BY:	LJ				
APPROVED BY:	HEJ				
PROJECT #:	10-0180				

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