



SEWER LATERAL NOTE:

1. THE SEWER LATERALS HAVE BEEN LOCATED IN GREEN AREAS WITHIN UTILITY EASEMENTS TO AVOID DRIVEWAYS.

DIP SEWER SPECIFICATIONS:

1. ALL DIP GRAVITY SEWER INTERIOR SHALL BE POLYLINE FOR RAW SEWERAGE.

SPECIFIC NOTES:

1. 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.
2. ALL WATER MAINS SHALL BE DIP CLASS S1 OR HIGHER MEETING AWWA SPECIFICATIONS C-151 OR C-106 LATEST PROVISIONS. THE CITY OF COCONUT CREEK INSPECTOR MUST BE PRESENT FOR ALL DENSITIES.
3. SEE SEWER PROFILE SHEETS FOR LOCATIONS OF SEWER DIP, AND FOR RESOLUTION OF POTENTIAL UTILITY CONFLICTS.
4. DENSITY TESTS SHALL BE PERFORMED BY A CERTIFIED GEOTECHNICAL ENGINEERING FIRM DURING INSTALLATION OF THE UTILITIES.
5. REFER TO BOUNDARY & TOPOGRAPHIC SURVEY FOR EXISTING LOCATIONS & TOPOGRAPHIC CONDITIONS.

RECORD DRAWING REQUIREMENTS:

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

STANDARD NOTES:

11. 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 a 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).
21. 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.

CITY OF COCONUT CREEK NOTE:

1. 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.

TOPOGRAPHY NOTE:

1. ALL EXISTING AND PROPOSED ELEVATIONS ON THIS PLAN ARE IN NAVD. TO CONVERT TO NGVD, ADD 1.55.

SANITARY SEWER LEAKAGE TEST NOTE:

1. 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.

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

PROJECT: IN THE PINES		TITLE: SANITARY SEWER COLLECTION SYSTEM PLAN	
DATE: 05/15/14	REVISIONS:	AJ HYDRO ENGINEERING, INC.	
SCALE: 1" = 30'	DATE: 09/01/14	5932 NW 73RD COURT	
DRAWN BY: HEJ	COMMENTS: 10/25/14 REVISE PER CITY SP DRC COMMENTS #2	PARKLAND, FL 33067	
CHECKED BY: IJ		TEL (954) 344-7866	
APPROVED BY: HEJ		FAX (954) 344-7866	
PROJECT #: 13-0020		SHEET NUMBER: WS1	
		OF: 2	