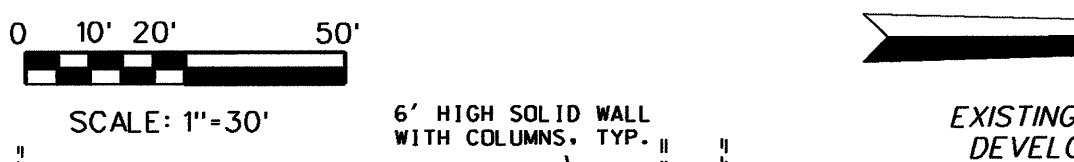


LEGEND	
---	EXISTING SANITARY SEWER MAIN
○	PROPOSED SANITARY SEWER MANHOLE
---	EXISTING WATER MAIN
TEE	PROPOSED WATER MAIN FITTINGS
SP #4	PROPOSED FIRE HYDRANT ASSEMBLY
SP #1	SAMPLE POINT LOCATION
	DOUBLE WATER SERVICE
	SINGLE WATER SERVICE
	DOUBLE SEWER SERVICE W/CLEAN OUT
	SINGLE SEWER SERVICE W/CLEAN OUT
---	GHOSTED DRAINAGE
---	WATER/DRAINAGE CONFLICT

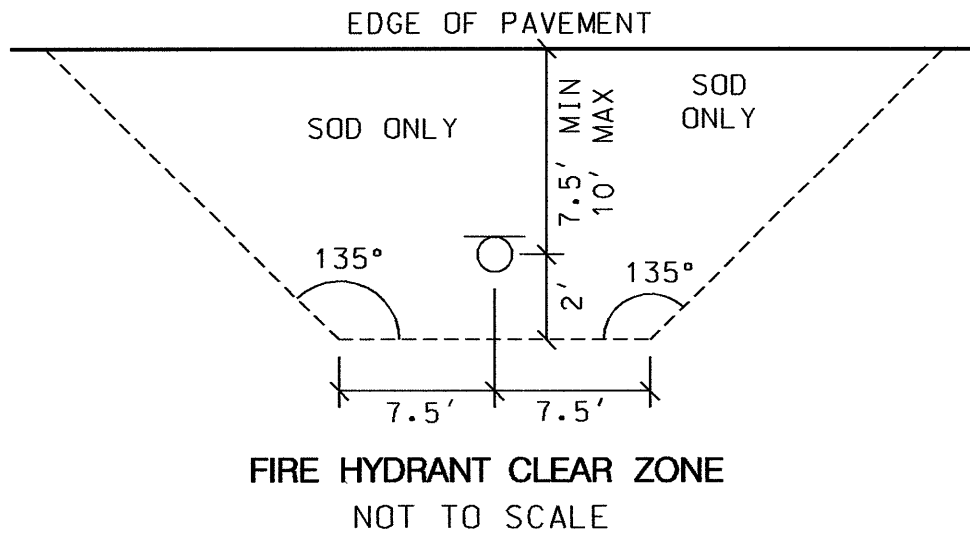
TRACT 33, BLOCK 85  
PALM BEACH FARMS COMPANY PLAT NO. 3  
(P.B.Z. PG. 45-54, P.B.C.R.)

VACANT PROPERTY

21



- SPECIFIC NOTES:**
1. ALL WATER MAINS SHALL BE DIP CLASS 51 OR HIGHER MEETING AWWA SPECIFICATIONS C-151 OR C-106 LATEST PROVISIONS. THE CITY OF COCONUT CREEK INSPECTOR MUST BE PRESENT FOR ALL DENSITIES.
  2. DENSITY TESTS SHALL BE PERFORMED BY A CERTIFIED GEOTECHNICAL ENGINEERING FIRM DURING INSTALLATION OF THE UTILITIES.
  3. REFER TO BOUNDARY & TOPOGRAPHIC SURVEY FOR EXISTING LOCATIONS & TOPOGRAPHIC CONDITIONS.



- STANDARD NOTES:**
- 1) 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 1).
  - 2) 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.

- 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.
    - 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.

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

PROJECT:	LONG PINES	TITLE:	WATER DISTRIBUTION SYSTEM PLAN
DATE:	02/28/12	REVISIONS:	
SCALE:	1" = 30'	DATE:	
DRAWN BY:	HEJ	COMMENTS:	
CHECKED BY:	LJ	08/01/12	REVISE SITE & CIVIL PLANS PER CITY DRC
APPROVED BY:	HEJ	10/15/12	REVISE SERVICES PER NEW FOOTPRINTS, ADD TIS
PROJECT #:	10-0180	03/05/13	REVISE OPEN SPACE PER DRC, FOOTPRINTS
		04/26/13	REVISE FIRE HYDRANT CLEAR ZONE

AJ HYDRO  
ENGINEERING, INC.  
5932 NW 73RD COURT  
PARKLAND, FL 33067  
TEL (954) 344-7866  
FAX (954) 344-7866

SHEET  
NUMBER  
WS2  
OF  
6