GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

GENERAL NOTES:

1.) CONTRACTOR TO VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION.

2.) ANY CITY OWNED SEWER MANHOLE WILL HAVE THE INTERIOR OF THE MANHOLE SEWPER COATED PER CITY ENGINEERING MANHOLE DETAILS 213-1, 214-1,215-1 AND 216-1.

3.) ANY EXISTING WATER AND/OR SEWER CONNECTION TO THE SUBJECT LOTS NOT UTILIZED MUST BE CUT AND CAPPED AT THE WATER MAIN IF A WATER SERVICE AND CUT OUT AND SLEEVED IF A SEWER LATERAL. SEWER LATERALS THAT ARE CUT AND CAPPED WILL NEED TO BE AS-BUILT PER OUR ENGINEERING AS-BUILT STANDARDS. IF THE EXISTING MAIN IS CLAY PIPE AND HAS A CIPP LINER CURRENTLY INSTALLED. (INSTALL A SECTIONAL LINER IN THE MAIN OVER THE OLD LATERAL THUS ELIMINATING THE LATERAL). IF THE EXISTING MAIN IS CLAY PIPE. (DIG DOWN CUT OLD CLAY PIPE, SLEEVE BACK IN WITH PVC AND CITY APPROVED COUPLINGS). IF THE EXISTING MAIN IS CLAY PIPE AND YOU ARE REQUIRED TO RETIRE MULTIPLE LATERALS FOR A PROJECT. (IT MAY BE CHEAPER FOR THE CONTRACTOR TO INSTALL A CITY APPROVED CIPP LINER FROM MANHOLE TO MANHOLE AND NOT CUT OUT THE LATERALS THAT THEY ARE RETIRING). IF THE EXISTING MAIN IS PVC PIPE. (REMOVE THE LATERAL PIPE FROM THE PVC WYE FITTING AND INSTALL A PLUG INTO THE WYE. INSTALL A GREEN LOCATING MARKING BALL AT THE LATERAL LOCATING, NO DEEPER THAN 4 FT. BELOW GRADE)

ESTIMATED WATER DEMANDS:

47.13 GPM (AVG.), 188.52 GPD (PEAK)
ESTIMATED REQUIRED FIRE FLOW = 1,500 GPM

ESTIMATED SEWER DEMANDS:

47.39 GPM (AVG.), 189.54 GPD (PEAK)

REVISIONS	DATE	BY
FILE NAME: 10326ENG.dwg		

CAULFIELD & WHEELER, INC.
CIVIL ENGINEERING - LAND PLANNING
LANDSCAPE ARCHITECTURE - SURVEYING
7900 GLADES ROAD - SUITE 100
BOCA RATON, FLORIDA 33434
PHONE (561)-392-1991 / FAX (561)-750-1452

OAKS @ PALM AIRE
CONCEPTUAL WATER DISTRIBUTION & SANITARY SEWER PLAN
POMPANO BEACH, FLORIDA

DATE 04/03/2023
DRAWN BY RHT
F.B./ PG. N/A
SCALE 1"=50'

Digitally signed by Ryan D. Wheeler
Date: 2023.08.15 21:12:53 -04'00'
Adobe Acrobat version: 2022.001.20085

RYAN D. WHEELER
PROFESSIONAL ENGINEER
LICENSE NO. 71477
STATE OF FLORIDA
– FOR THE FIRM –
DATE Aug 15, 2023

JOB #10326
SHT.NO.
WS.01
OF 7 SHEET

DRC
PZ23-12000017
09/20/2023