



- NOTE:**
- DIP FIRE DEPT. CONNECTION (FDC). INSTALL SIGN "FIRE DEPARTMENT CONNECTION" PER CITY REQUIREMENTS. SIZE AND LOCATION TO BE VERIFIED BY FIRE SPRINKLER DESIGNER/ CONTRACTOR. ALL IN ACCORDANCE W/ CITY STDS (REFER TO MEP PLANS FOR CONTINUATION).
 - CONTRACTOR SHALL VERIFY LOCATION AND SIZE OF EXISTING UTILITIES AND INSTALL PROPOSED MAINS WITH MINIMUM COVER AND SEPARATION REQUIREMENTS (TYP.).
 - CONTRACTOR SHALL PROVIDE ASBUILT CROSSING INFORMATION INCLUDING FG, BOR, TOP AND CLEARANCE (TYP.).
 - THE MINIMUM COVER DEPTHS REQUIRED FOR PVC AND DIP SEWER MAINS ARE RESPECTIVELY 36 AND 30 INCHES.
 - THE 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.
 - MANHOLES #1 #2, AND THE CORE TO THE EXISTING MANHOLE SHALL BE SEWER COATED TO CITY SPECIFICATION. THE BENCH IN THE EXISTING MANHOLES SHALL BE REWORKED TO ACCOMMODATE THE NEW FLOW.
 - HOW TO RETIRE OLD LATERALS: 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).

KEITH
301 East Atlantic Blvd.
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Florida Engineering Business License: CA7923
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

REVISIONS		
NO.	DESCRIPTION	DATE

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

ISSUE DATE: 01/25/23
DESIGNED BY: JW
DRAWN BY: BB
CHECKED BY: TD

BID-CONTRACT:

This item has been digitally signed and sealed by Thomas F. Donahue, P.E. on the date below using a Digital Signature.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

2023.06.13 14:50:39-0400

THOMAS F. DONAHUE, P.E.
FLORIDA REG. NO. 60529
(FOR THE FIRM)

CLIENT

FIRST INDUSTRIAL

PROJECT

FIRST ANDREWS LOGISTICS CENTER
1801 N ANDREWS AVE
POMPAÑO BEACH, FL 33069

SHEET TITLE

WATER AND SEWER PLAN

Water and Sanitary Sewer Flow Calculations									
Existing Flows					Proposed Flows				
Establishment	Unit	Number of units	Per Unit* gal/day	gal/day	Establishment	Unit	Number of units	Per Unit* gal/day	gal/day
Warehouse	SF	56,364	0.1	5,636	Industrial Warehouse	SF	123,280	0.1	12,328
Total				5,636	Total				12,328
Total Increase in Daily Volume				6,692	gal/day				

Source: Broward County Code of Ordinances, Chapter 27, Section 27-201

P&Z

SHEET NUMBER: CU-101
PROJECT NUMBER: 12000052
DATE: 07/26/2023

Plotted by: hcompton On 6/13/2023 2:04 PM

Drawing name: T:\12866.01 - 1801 N Andrews - Next Phase - First Industrial\Engineering\Cadd\12866.01-CU-1XX.dwg

STATUS: PRELIMINARY