

Highlighted Area Current Location of YC 01 - 03 and YC 04 - 06

YC 01 - 03 and YC 04-06  
(see Clarifier No. 3 and No. 4 Electrical Drawing E-5 and E-6 for conduit, wire, and ground requirements)

Ductbank Dimensions:  
4.5 feet Width  
3 feet of Encasement  
5 feet below grade

Dimensional information shown on this drawing are approximations from field information provided by the County.

Manhole EMH 10

10 feet

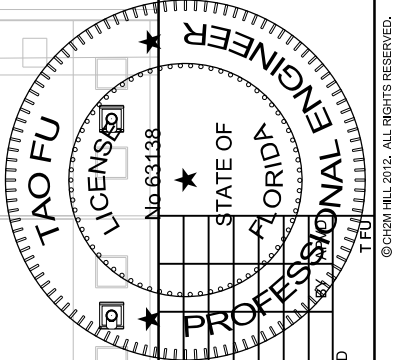
10 feet

37 feet

115 feet

NOTES:

1. CONTRACTOR TO REMOVE EXISTING PIPING AS NECESSARY TO INSTALL NEW PIPING. EXISTING PIPING NOT TO BE USED SHALL BE REMOVED OR CAPPED AND ABANDONED IN PLACE.
2. CONTRACTOR TO PROVIDE TEMPORARY SHEETING AND/OR SHORING TO PROTECT EXISTING PIPING AND STRUCTURES DURING CONSTRUCTION.
3. CONTRACTOR TO FIELD LOCATE AND VERIFY ALL EXISTING PIPING PRIOR TO CONSTRUCTION.
4. WHERE NEW UNDERGROUND PIPE CONNECTS TO EXISTING UNDERGROUND PIPE INSTALL APPROPRIATE THRUST RESTRAINTS ON BOTH NEW AND EXISTING PIPES IN ACCORDANCE WITH THE THRUST RESTRAINT SCHEDULE ON DWG 001-G-0201, OR DESIGN AND INSTALL ENGINEER APPROVED THRUST BLOCK. THE THRUST BLOCK SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. SUBMIT SIGNED AND SEALED CALCULATIONS FOR ENGINEER'S APPROVAL.



NO.	DATE	DSGN	DR	REVISION	CHK	APVD

3011 SW WILLISTON RD  
GAINESVILLE, FL 32608  
EB0000072 AAC001992  
TAO FU - PE 63138

SWRF NITROGEN REMOVAL  
AND DIGESTER MODIFICATIONS  
MANATEE COUNTY UTILITIES  
MANATEE COUNTY, FL

**CH2MHILL®**

YARD PIPING  
ENLARGED PLAN

VERIFY SCALE	
BAR IS ONE INCH ON ORIGINAL DRAWING.	
DATE	DECEMBER 2013
PROJ	457133
DWG	005-Y-2005
SHEET	of