

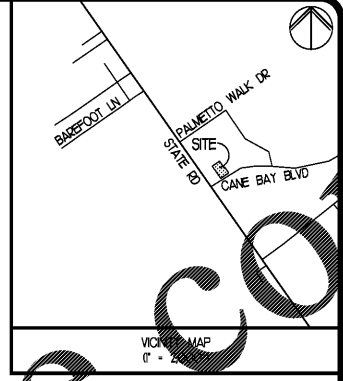
REVISIONS	BY
1-22-19 ADDRESS COUNTY REVIEW COMMENTS	DAC

**FREELAND and KAUFFMAN, INC.**  
 Engineers • Landscape Architects  
 209 West Stone Avenue  
 Greenville, South Carolina 29609  
 864-233-5497



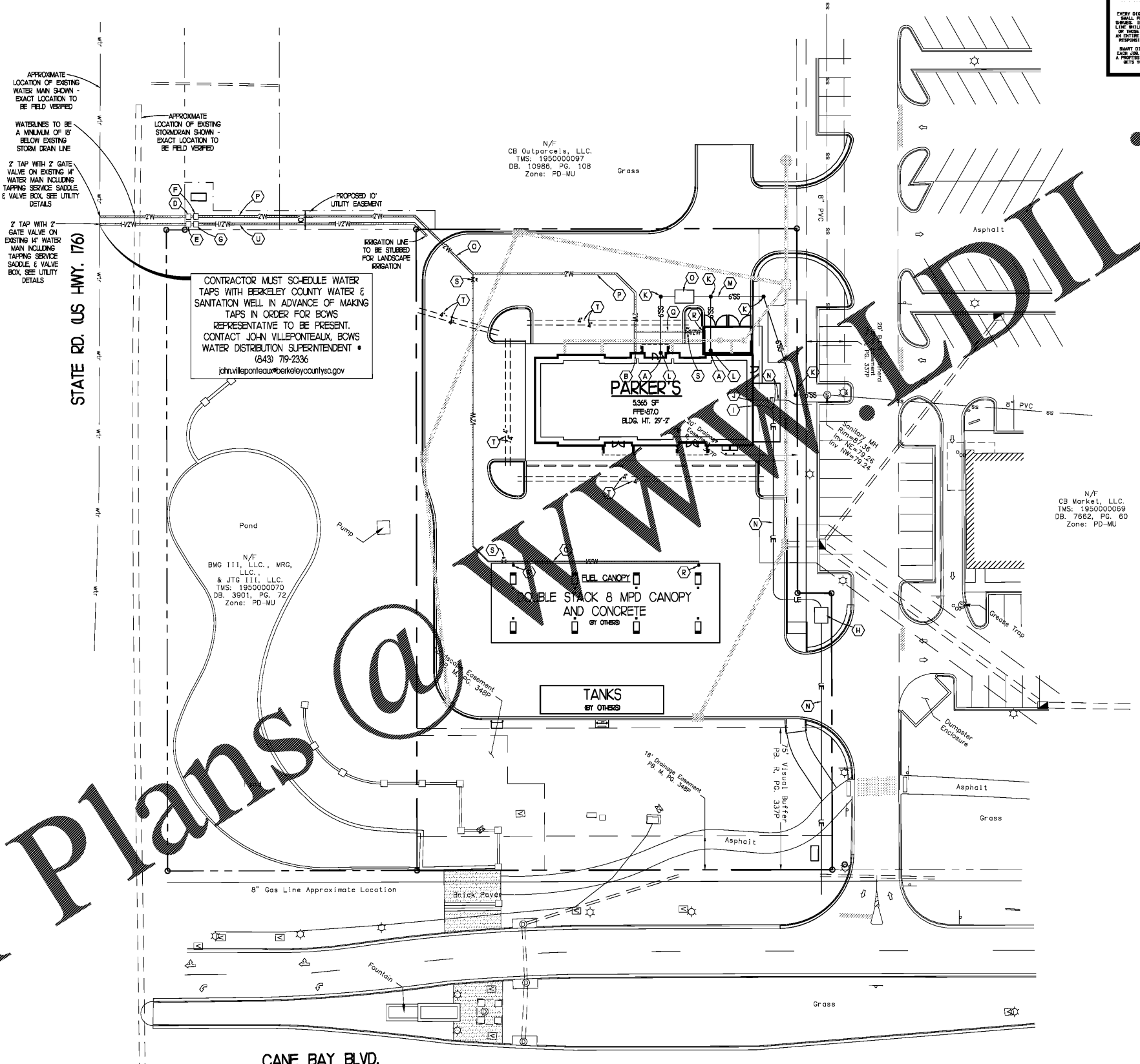
**Parker's Kitchen**  
 17 W. MCDONOUGH STREET  
 SAVANNAH, GA 31401  
 CANE BAY (#1006)

DRAWN	CXD
CHECKED	BTS
DATE	1/22/2019
SCALE	AS NOTED
DRAWING	



**SITE UTILITY NOTES**

- ALL SITE WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS PREPARED BY FREELAND & KAUFFMAN INC., THE CURRENT REQUIREMENTS OF BERKELEY COUNTY, AND ALL OTHER PERTINENT FEDERAL AND STATE LAWS.
- THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICES GOVERNING SAFETY AND HEALTH, INCLUDING THE FEDERAL CONSTRUCTION SAFETY ACT (PUBLIC LAW 94-54), FEDERAL REGISTER, CHAPTER XVII, PART 1926 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE AREAS AND CONDITIONS UNDER WHICH THE PROJECT IS TO BE CONSTRUCTED PRIOR TO THE SUBMISSION OF A BID. SUBMISSION OF A BID SHALL BE CONSIDERED TO MEAN THE CONTRACTOR HAS REVIEWED THE SITE AND IS FAMILIAR WITH CONDITIONS AND CONSTRAINTS OF THE SITE.
- BEFORE EXCAVATION ALL UNDERGROUND UTILITIES SHALL BE LOCATED IN THE FIELD BY THE PROPER AUTHORITIES. THE CONTRACTOR SHALL NOTIFY 'CALL BEFORE YOU DIG' AT THE LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES ARE APPROXIMATE AND MAY NOT ALL BE SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BID AND PERFORM ALL UTILITY WORK IN COMPLIANCE TO ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES ASSOCIATED WITH THE INSTALLATION, INSPECTING, TESTING AND FINAL ACCEPTANCE OF ALL PROPOSED UTILITIES CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY ON THE ADDITION, REMOVAL AND/OR RELOCATION OF UTILITIES AND UTILITY POLES AND THE EXTENSION OF ALL PROPOSED UTILITIES TO THE BUILDING.
- ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE UTILITY COMPANY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL UTILITIES ARE INSTALLED CORRECTLY TO MEET PROJECT REQUIREMENTS WHETHER PERFORMED BY THE CONTRACTOR OR NOT.
- AN AS-BUILT DRAWING OF NEW UTILITY SERVICES SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER UPON COMPLETION OF THE PROJECT.
- UTILITY COMPANIES AND CONTACTS ARE LISTED ON COVER SHEET.
- CONDUIT LOCATIONS TO SITE SIGNS AND SITE LIGHT POLES TO BE COORDINATED WITH THE OWNER.
- CONTRACTOR SHALL COORDINATE WITH THE OWNER ON CONDUIT ROUTE TO BUILDING FROM THE TRANSFORMER AND/OR SERVICE UTILITY POLE FOR TELEPHONE AND ELECTRICAL SERVICES.
- CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.
- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE. UTILITY COMPANIES AND CONTACTS ARE LISTED ON THE COVER SHEET.
- SANITARY SEWER PIPE SHALL BE AS FOLLOWS:  
 6" PVC SDR-26
- WATER LINES SHALL BE AS FOLLOWS:  
 2" AND LARGER - POLYVINYLCHLORIDE (PVC) OR DUCTILE IRON (DI) WATER PIPE, ASTM D2241, D784, D2309, F477  
 SMALLER THAN 2" - POLYVINYLCHLORIDE (PVC) OR POLYETHYLENE (PE) WATER PIPE, ASTM D2241, SDR 21 CLASS  
 200 PSI 3405 IS PERMITTED FOR 1" DIAMETER SERVICES  
 PVC WATER PIPE SMALLER THAN 4" IN DIAMETER SHALL BE SDR 26, CLASS 160 OR SCHEDULE 40 (ASTM D785)  
 PVC WATER PIPE LARGER THAN 4" IN DIAMETER SHALL BE SDR 18, CLASS 150 CONFORMING TO AWWA C900  
 DI WATER PIPE SHALL BE CLASS 50 AND SHALL COMPLY WITH AWWA/CESA C900
- MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
- ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH THRUST BLOCKING.
- WATER & SEWER SHALL BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING BY VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-0" COVER ON ALL WATERLINES.
- IN THE EVENT OF A VERTICAL CROSSING LESS THAN 18" BETWEEN WATERLINES AND SANITARY LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATERLINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED MEETING REQUIREMENTS OF ANSI A210 OR ANSI  
 218 (AWWA C-60) (CLASS 50).
- ALL LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED, AND APPROVED BEFORE BACKFILLING.
- TOPS OF EXISTING MANHOLES SHALL BE ADJUSTED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS, AND TO BE ONE FOOT ABOVE FINISHED GRADE ELEVATIONS WITH WATER TIGHT LIDS.
- ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS.
- REFER TO INTERIOR FINISHING DRAWINGS FOR TIE-IN OF ALL UTILITIES.



CONTRACTOR MUST SCHEDULE WATER TAPS WITH BERKELEY COUNTY WATER & SANITATION WELL IN ADVANCE OF MAKING TAPS IN ORDER FOR BCWS REPRESENTATIVE TO BE PRESENT. CONTACT JOHN VILLEPONTEAUX, BCWS WATER DISTRIBUTION SUPERINTENDENT • (643) 719-2336 john.villeponteaux@berkeleycountyga.gov

**LEGEND**

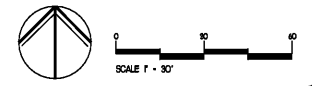
SYMBOL	DESCRIPTION
☐	TELEPHONE MANHOLE
☐	DRAINAGE MANHOLE
—	INLET
—	STORM DRAINAGE PIPE
—	SANITARY SEWER LINE
—	FORCEMAIN SEWER
—	SANITARY SEWER MANHOLE
—	WATER LINE
—	GAS LINE
—	UNDERGROUND ELECTRIC
—	OVERHEAD ELECTRIC
—	WATER METER
—	HYDRANT
—	GAS VALVE
—	LIGHT POLE
—	UTILITY POLE
—	SGN

**LEGEND**

(A)	6" SANITARY SEWER EXIT, (E = 83.00'), RE: ARCH FOR EXACT LOCATION
(B)	2" DOMESTIC WATERLINE ENTRY, RE: ARCH FOR EXACT LOCATION
(C)	2" TAP ON EXISTING WATERLINE
(D)	1/2" DOMESTIC WATER METER SERVICE PER BERKELEY COUNTY WATER & SANITATION DEPT. STANDARDS. METER TO BE PLACED JUST INSIDE THE PROPERTY - JUST OUTSIDE THE DOT RW.
(E)	1" WATER METER SERVICE PER BERKELEY COUNTY WATER & SANITATION DEPT. STANDARDS FOR DESIGN BUILD IRRIGATION SYSTEM. METER TO BE PLACED JUST INSIDE THE PROPERTY - JUST OUTSIDE THE DOT RW.
(F)	1/2" ABOVE GROUND RPZ BACKFLOW PREVENTER IN INSULATED ENCLOSURE FOR DOMESTIC WATER SERVICE PER BERKELEY COUNTY WATER & SANITATION DEPT. STANDARDS
(G)	1" RPZ BACKFLOW PREVENTER IN INSULATED ENCLOSURE FOR DESIGN BUILD IRRIGATION SYSTEM PER BERKELEY COUNTY WATER & SANITATION DEPT. STANDARDS
(H)	PAD MOUNTED TRANSFORMER, PENDING BERKELEY ELECTRIC CO-OP REVIEW
(I)	OT CABINET FOR ELECTRIC ENTRY, RE: ARCH FOR EXACT LOCATION
(J)	TELEPHONE ENTRY, RE: ARCH FOR EXACT LOCATION
(K)	SANITARY SEWER CLEAN-OUT, SEE DETAILS
(L)	SANITARY SEWER TEE, PER BERKELEY COUNTY WATER & SANITATION DEPT. STANDARDS
(M)	6" SANITARY SEWER LINE PER BERKELEY COUNTY WATER & SANITATION DEPT. STANDARDS
(N)	UNDERGROUND ELECTRIC/TELEPHONE EXTENSIONS, CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES. PROVIDE 2" CONDUIT FOR TELECOM
(O)	GREASE TRAP (500 GALLON), (RE: ARCH)
(P)	2" WATERLINE
(Q)	1/2" WATERLINE
(R)	YARD HYDRANT
(S)	GLOBE VALVE IN VALVE BOX
(T)	TWO 4" IRRIGATION CHASES (TYP)
(U)	1/2" WATERLINE

CONTRACTOR TO PROVIDE DESIGN / BUILD IRRIGATION FOR ALL PLANTED AREAS

**UTILITY PLAN**



CANE BAY BLVD.  
 (150' PUBLIC R/W)