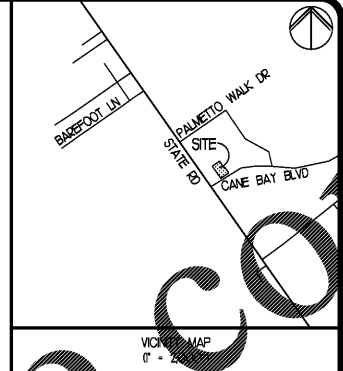


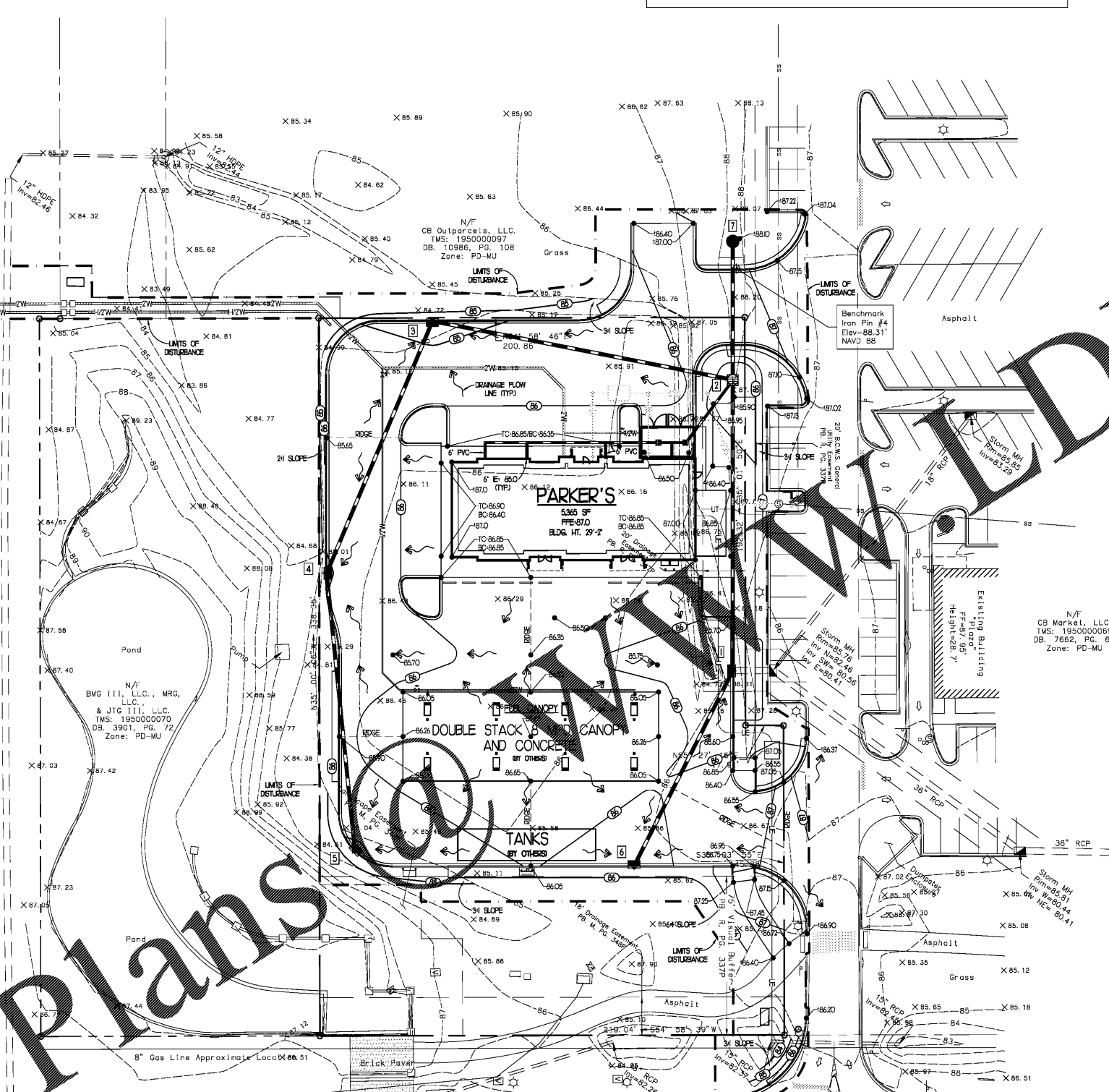
REVISIONS	BY

**SITE WEIGHTED RUNOFF COEFFICIENT (CN) DATA**

ON VALUE FOR THE SITE (APPROVED SWM REPORT) = 91  
 PROPOSED CN VALUE FOR THE SITE = 88



STATE RD. (US HWY. 176)



**ON-SITE STORM DRAIN PIPE TABLE**

STORMDRAIN PIPE	SIZE	LENGTH	SLOPE	IN. IN	IN. OUT
1 - 2	30"	67'	0.26%	80.83'	81.9'
1 - 6	6"	103'	0.50%	80.83'	81.35'
2 - 3	6"	144'	0.26%	81.24'	81.62'
2 - 7	30"	65'	0.26%	81.24'	81.62'
3 - 4	6"	129'	0.26%	81.67'	82.00'
4 - 5	6"	8'	0.2%	82.05'	82.40'

**STORMDRAIN STRUCTURE TABLE**

STR. NO.	TYPE	RM	IN. IN	IN. OUT
1	COMBINATION INLET	85.20	80.83 (2) 80.83 (2)	80.78 (2)
2	GRATE INLET	85.70	82.4 (2) 82.4 (2)	81.9 (2)
3	COMBINATION INLET	84.60	81.7 (4)	81.2 (2)
4	COMBINATION INLET	84.90	82.05 (2)	82.00 (2)
5	COMBINATION INLET	84.85	---	82.40 (4)
6	COMBINATION INLET	85.50	---	83.30 (2)
7	MAN-HOLE	88.00	---	84.4 (2)

**LEGEND**

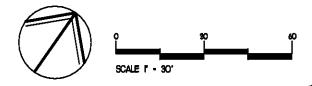
EXISTING	PROPOSED	DESCRIPTION
85.00 x	85.00 ●	CONTOUR LINE
85.00 x	85.00 ●	SPOT ELEVATION
□	■	STORM DRAIN INLET
---	---	STORM DRAIN PIPE
---	---	WATER
---	---	UNDERGROUND ELECTRIC LINE
---	---	OVER-HEAD ELECTRIC LINE
---	---	UNDERGROUND TELEPHONE LINE
---	---	GAS LINE
---	---	SANTARY SEWER LINE
○	●	MAN-HOLE
---	---	LIMITS OF DISTURBANCE

- GRADING NOTES**
- ALL SITE WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS PREPARED BY FREELAND & KAUFFMAN, INC. THE CURRENT REQUIREMENTS OF BERKELEY COUNTY, SOUTH CAROLINA, THE APPLICABLE SECTIONS OF THE SCOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION, 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 FEDERAL CONSTRUCTION SAFETY ACT (PUBLIC LAW 91-594), 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 CONSTRUED 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 THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES.
  - ALL EXISTING TREES, VEGETATION, PAVEMENTS, CONCRETE FOUNDATIONS, STRUCTURES AND ORGANIC TOPSOIL SHALL BE STRIPPED AND REMOVED FROM NEW CONSTRUCTION AREAS UNLESS NOTED OTHERWISE.
  - ALL SLOPES SHALL BE 2:1 (HORIZONTAL:VERTICAL) MAXIMUM UNLESS NOTED OTHERWISE.
  - AN AS-BUILT DRAWING OF NEW UTILITY SERVICES MUST BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER UPON COMPLETION OF THE PROJECT.
  - ALL AREAS NOT PAVED SHALL BE TOPSOILED, SEEDED AND MULCHED OR LANDSCAPED UNLESS OTHERWISE NOTED IN THE CONSTRUCTION DRAWINGS, SITE SPECIFICATIONS OR INSTRUCTED BY THE OWNER.
  - CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT, PREPARED BY OTHERS, PRIOR TO INITIATION OF ANY EARTHWORK ACTIVITY.
  - IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
  - CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
  - CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
  - TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY SURVEY MATTERS. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
  - ALL SIDEWALKS TO HAVE MAXIMUM 2.00% CROSS SLOPE AND 5.00% MAX LONGITUDINAL SLOPE.
  - ALL SLOPES 3:1 AND STEEPER TO RECEIVE EROSION CONTROL MATTING.
  - CONTRACTOR SHALL MAINTAIN ALL GRASSED/LANDSCAPED AREAS SUCH THAT FINAL STABILIZATION IS ACHIEVED & A NOTICE OF TERMINATION CAN BE ACHIEVED.

DRAINAGE STRUCTURE NO'S 1, 4, 5, & 6 TO BE EQUIPPED WITH "SNOUT" DEVICE, SEE SHEET 11.

SEE SHEET 10 FOR STORM DRAIN PIPE SPECIFICATION.

**GRADING & DRAINAGE PLAN**



**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 (PH006)

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