



### LEGEND

	LIMITS OF DISTURBANCE		PROPOSED JUNCTION BOX. SEE DETAIL.
	PROPOSED STORM DRAINAGE LINE		PROPOSED YARD DRAIN. SEE DETAIL.
	CONSTRUCTION ENTRANCE. TYPICAL. SEE DETAIL.		PROPOSED CATCH BASIN. SEE DETAIL.
	CONCRETE WASHOUT. SEE DETAIL.		WIRE-BACKED PERIMETER SILT FENCING. SEE DETAIL.
	INLET PROTECTION. SEE DETAIL.		RIP-RAP APRON OUTLET PROTECTION. SEE DETAIL.
	STORM DRAINAGE STRUCTURE DESIGNATION. SEE PROFILES.		STORM DRAINAGE PIPE DESIGNATION. SEE PROFILES.
	TENSAR NORTH AMERICAN GREEN S-150 (OR APPROVED EQUAL)		

- ### CODED NOTES
- MAINTAIN CONSTRUCTION ENTRANCE EXIT INSTALLED DURING THE INITIAL PHASE SWPPP. SEE DETAIL. CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND PLACED AT LOCATION THAT HAS MINOR LAND DISTURBANCE. THIS LOCATION MAY BE MOVED DEPENDING ON SCHEDULING.
  - CONCRETE WASHOUT EXACT LOCATION TO BE DETERMINED BY CONTRACTOR. PIT SHALL BE A MINIMUM OF 12" AND 2' DEEP. DIVERT STORMWATER FLOW AROUND PIT. INSTALL SILT FENCE ON LOW SIDE. REMOVE AND PROPERLY DISPOSE OF CONCRETE AFTER FINAL STABILIZATION. SEE DETAIL.
  - INLET PROTECTION FOR STANDARD CATCH BASINS (NOT YARD DRAINS). INSTALL SILT BOX INLET PROTECTION. UPON INSTALLATION OF CURBING, ASPHALT AND CATCH BASIN TOPS, INSTALL INLET SEDIMENT FILTER OR SEDIMENT PROTECTION FOR ALL GRATE, FRAME & HOOD CATCH BASINS AND SILT BOX FOR SLAB TOP CATCH BASINS. (TYPICAL) SEE DETAIL.
  - LIMITS OF DISTURBANCE
  - MAINTAIN WIRE-BACKED PERIMETER SILT FENCING INSTALLED DURING INITIAL PHASE SWPPP. SEE DETAIL.
  - INSTALL RIP-RAP APRON OUTLET PROTECTION ON NON-WOVEN GEOTECH FABRIC TAKING CARE NOT TO TEAR FABRIC. EXCAVATE RIP-RAP AREA TO SPECIFIED DEPTH BELOW THE FINISH GRADE PRIOR TO INSTALLING THE RIP-RAP. SEE RIP-RAP APRON OUTLET PROTECTION DETAIL. (TYPICAL).
  - HOPE DOUBLE-WALL SMOOTH INTERIOR ROOF DRAIN PIPE. MINIMUM SLOPE 1.0%. SIZE INDICATED. (TYPICAL). VERIFY LOCATION AND DEPTH WITH PLUMBING PLANS PRIOR TO INSTALLING MAIN.
  - INSTALL 20" GRASSED EMERGENCY SPILLWAY AT ELEVATION = 409.00'.
  - INSTALL 20" GRASSED EMERGENCY SPILLWAY AT ELEVATION = 405.00'.
  - ROOF DRAIN CLEANOUT. USE TRAFFIC RATED COVER IN PAVEMENT AREAS. SEE DETAIL. (TYPICAL).
  - INSTALL 4" TALL 2"x4" STAKE MARKED AT 1'7" TO INDICATE A THIRD OF THE SEDIMENT STORAGE. CLEAN SEDIMENT OUT WHEN IT REACHES THIS MARK.
  - INSTALL POROUS BAFFLES AS SHOWN. SEE DETAIL. (TYPICAL)
  - YARD DRAIN. (TYPICAL) (SEE DETAIL)
  - STONE BERM FOREBAY. (SEE DETAIL)
  - INSTALL TENSAR NORTH AMERICAN GREEN S-150 (OR APPROVED EQUAL) IN DOT HATCHED AREA AS SHOWN. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
  - STONE BERM BAFFLE. (SEE DETAIL)
  - INSTALL OUTLET STRUCTURE WITH DRAIN HOLE AT 398.00' AND SKIMMER ATTACHED. HOLE SHALL BE INSTALLED ON SIDE OF BOX THAT FACES THE SHELF SUCH THAT THE SKIMMER RESTS ON THE SHELF UNTIL WATER LEVEL REACHES THE BOTTOM OF THE OUTLET STRUCTURE. SKIMMER SHALL BE ATTACHED DURING CONSTRUCTION AND NOT REMOVED UNTIL FINAL STABILIZATION. SEE DETAILS.
  - INSTALL 4" TALL 2"x4" STAKE MARKED AT 1'3" TO INDICATE A THIRD OF THE SEDIMENT STORAGE. CLEAN SEDIMENT OUT WHEN IT REACHES THIS MARK.
  - INTENTIONALLY OMITTED.
  - CAP THIS LINE FOR FUTURE PHASE 2 DRIVEWAY CONSTRUCTION.
  - INTENTIONALLY OMITTED.
  - 15" NYLOPLAST BOX WITH 15" STANDARD H-20 GRATE.

NOTE: CATCH BASINS CB5, CB7, AND CB14 SHALL BE PRECAST AND SHALL BE SIZED TO ACCOMMODATE A DOUBLE GRATE, FRAME AND HOOD CURB INLET

NOTES:

- PROVIDE WATER QUALITY LID ON ALL SLAB TOP CATCH BASINS AND JUNCTION BOXES. (SEE DETAIL) PROVIDE WATER QUALITY SYMBOL ON ALL GRATE AND FRAME AND GRATE, FRAME AND HOOD CATCH BASINS. CONTRACTOR SHALL SUBMIT SHOP DRAWING TO THE ENGINEER FOR APPROVAL.
- CONTRACTOR SHALL DETERMINE A SOIL STOCK PILE AREA ON SITE THAT WILL NOT DISRUPT THE CONSTRUCTION SEQUENCING. THIS STOCK PILE AREA MUST BE SEEDED AND HAVE SILT FENCE AROUND THE BASE.

**COX AND DINKINS**  
ENGINEERS & SURVEYORS

AND DINKINS, INC.  
561 TULINE BLVD.  
COLUMBIA, SC 29205  
803-254-0518  
Fax: 803-765-0993  
Email: cdinc@coxanddinkins.com

REGISTERED PROFESSIONAL ENGINEER  
NO. 14899

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NO. 14899

CERTIFICATE OF AUTHORIZATION SEAL

NO.	DATE	DESCRIPTION
1	3/22/2017	Revised to add additional sheets
2	4/19/2017	Revised Per Public & Utility company comments
3	7/7/2017	Revised Water and Sanitary Sewer
4	8/9/2017	Revised building footprint
5	9/1/2017	Bid Set

DEVELOPER:

Mr. Tom Murray  
WindCrest Development Group  
605 East Robinson St. Suite 340  
Orlando, Florida 32751

(P) 407.219.3540  
(F) 407.219.3541  
tmurray@WINDCREST.COM

**BID SET**

**Publix**  
South Lake Drive & Platt Springs Road  
LOCATED NEAR RED BANK  
LEXINGTON COUNTY, SOUTH CAROLINA

**STORM DRAINAGE AND CONSTRUCTION PHASE SWPP PLAN**

TMS 027600-02-005, 006, 013, 084, 095, 116

BOOK N/A SF NO. 245-19A

PROJECT NO. 1920 SHEET NO. C19

DATE 3/15/2017 20 of 48

NOTE: INFORMATION REGARDING THE REPUTABLE SOURCE CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES WAS OBTAINED FROM LOCAL UTILITY COMPANIES AND AVAILABLE DRAWINGS SUBMITTED BY THE OWNER AND IS SHOWN HEREIN. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES AND STRUCTURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE UTILITY COMPANIES AND LOCAL GOVERNMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE UTILITY COMPANIES AND LOCAL GOVERNMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE UTILITY COMPANIES AND LOCAL GOVERNMENT.

The Palmetto Utility Protection Service, Inc.  
811 South Carolina 811  
3 DAYS BEFORE DIGGING IN SOUTH CAROLINA  
CALL 811  
CONTRACTOR SHALL CONTACT THE UNDERGROUND LOCATORS EVERY 10 DAYS FOR AN UPDATE TO UTILITY LOCATIONS.

APPLICANT'S CERTIFICATION:

"I (WE) HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION, AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND I (WE) ARE RESPONSIBLE FOR THE LAND DISTURBANCE AND RELATED MAINTENANCE THEREOF. LEXINGTON COUNTY AUTHORITIES WILL BE ALLOWED TO ENTER THE PROJECT SITE FOR THE PURPOSE OF ON-SITE INSPECTIONS."

DATE 3-14-2019 OWNER/PERMIT APPLICANT

DESIGNER'S CERTIFICATION:

"I HEREBY CERTIFY THAT THIS PLAN IS DESIGNED TO CONTAIN SOIL ON THE PROPERTY CONCERNED TO THE MAXIMUM EXTENT, TO PROVIDE FOR THE PROTECTION OF THE PROPERTY AND THE PROPOSED IMPROVEMENTS THEREON FROM THE EFFECTS OF FLOODING, TO PROVIDE FOR THE CONTROL OF THE RUNOFF FROM THE PROPERTY, AND THAT ALL PROVISIONS FOR SEDIMENT CONTROL AND STORM DRAINAGE ARE IN ACCORDANCE WITH THE STORMWATER MANAGEMENT AND SEDIMENT CONTROL ORDINANCE FOR LEXINGTON COUNTY, SOUTH CAROLINA."

DATE 3-15-17 DARREN K. HOLCOMBE LICENSED PROFESSIONAL ENGINEER NO. 14899

STORM DRAINAGE NOTES:

- ALL MATERIAL AND INSTALLATION IS TO MEET REQUIREMENTS OF THE LEXINGTON COUNTY AND SCDEQC.
- CONTRACTOR IS RESPONSIBLE FOR FURNISHING AS-BUILT INFORMATION TO ENGINEER ON STORM DRAINAGE LOCATIONS. THIS AS-BUILT INFORMATION MUST BE CERTIFIED BY A REGISTERED LAND SURVEYOR.
- CONTRACTOR IS RESPONSIBLE FOR ACQUIRING NECESSARY PERMITS FROM ENGINEER PRIOR TO START OF CONSTRUCTION.

CONSTRUCTION PHASE SEQUENCE:

- INSURE THAT INITIAL PHASE CONSTRUCTION PHASE PERIMETER CONTROLS AND SEDIMENT BASINS ARE IN PLACE.
- ROUGH GRADING.
- BEGIN BUILDING PAD CONSTRUCTION.
- INSTALLATION OF UTILITIES INCLUDING INSTALLATION OF REMAINING STORM DRAIN SYSTEM AND PLACEMENT OF INLET PROTECTION AS EACH INLET IS INSTALLED.
- FINE GRADING, PAVING, ETC.
- BEGIN LANDSCAPE INSTALLATION PER PLAN BY OTHERS.
- BEGIN PERMANENT/FINAL STABILIZATION.
- CONTINUE TO STABILIZATION PHASE.

NOTE TO OWNER AND CONTRACTOR:

- THIS PROJECT WILL FALL UNDER THE NPDES REGULATIONS ADMINISTERED BY SCDEQC. THESE REGULATIONS WILL REQUIRE SITE INSPECTIONS BY "QUALIFIED PERSONNEL" AT LEAST ONCE EVERY 7 CALENDAR DAYS.
- THE SITE CONTRACTOR AND THE ENGINEER MUST MEET ONSITE FOR A PRE-CONSTRUCTION MEETING.
- THE STORM WATER POLLUTION PREVENTION PLAN MANUAL HAS BEEN CREATED FOR THIS PROJECT. CONTRACTOR SHALL REVIEW THE MANUAL FOR REGULATIONS PERTAINING TO LAND DISTURBANCE AND THE CO-PERMITTEE DOCUMENTATION REQUIRED FROM ANY CONTRACTORS CONDUCTING LAND DISTURBING ACTIVITIES ONSITE.
- CONTRACTOR SHALL CONTROL DUST GENERATED FROM THE SITE BY USE OF WATER TRUCK OR OTHER MEASURES AS NECESSARY TO LIMIT DUST.

LAND DISTURBANCE AREA = 17.9 ACRES

REFERENCES:

- ATLA/NSPS LAND TITLE SURVEY PREPARED FOR WINDCREST ACQUISITIONS, LLC, BY COX AND DINKINS, INC., DATED OCTOBER 24, 2016.

NOTES:

- THE SUBJECT PROPERTY IS IDENTIFIED AS LEXINGTON COUNTY TAX MAP SHEET 027600, BLOCK 02, LOTS 005, 006, 013, 084, 095, & 116.
- THE SUBJECT PARCEL CURRENTLY CONTAINS FOUR RESIDENTIAL STRUCTURES AND ONE COMMERCIAL STRUCTURE.
- ZONING OF THE SUBJECT PARCELS IS INTENSIVE DEVELOPMENT (ID).
- CONTOUR INTERVAL ELEVATIONS ARE ONE (1) FOOT. ELEVATIONS SHOWN ARE NAVD 88 DATUM.
- THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE. THE LOCATIONS OF OTHER UNDERGROUND UTILITIES AND THEIR SERVICES ARE UNKNOWN. CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
- THIS PROPERTY IS LOCATED IN ZONE X PER FLOOD INSURANCE RATE MAP PANEL 4507902015 G, LAST DATED FEBRUARY 09, 2000, BY SCALED LOCATION AND GRAPHIC PLOTTING ONLY.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THEY AND THEIR SUBCONTRACTORS HAVE THE CORRECT/MOST UP-TO-DATE PLANS AVAILABLE.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL SIDEWALKS, STRIPING AND SIGNAGE SHALL BE ADA AND MUTCD COMPLIANT.