



LEGEND

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

- ### CODED NOTES
- (CE) 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.
 - (CW) CONCRETE WASHOUT EXACT LOCATION TO BE DETERMINED BY CONTRACTOR. PIT SHALL BE A MINIMUM OF 10'x20' 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.
 - (IP) INLET PROTECTION. FOR STANDARD CATCH BASINS (NOT YARD DRAINS), INSTALL SILT BOX INLET PROTECTION. UPON INSTALLATION OF CURBING, ASPHALT AND CATCH BASIN TOPS, INSTALL SILT BOX INLET PROTECTION. INLET PROTECTION FOR ALL GRATE, HOOD & HOOD CATCH BASINS AND SILT BOX FOR SLAB TOP CATCH BASINS. (TYPICAL) SEE DETAIL.
 - (LOD) LIMITS OF DISTURBANCE
 - (SF) MAINTAIN WIRE-BACKED PERIMETER SILT FENCING INSTALLED DURING INITIAL PHASE SWPPP. SEE DETAIL.
 - (RRA) 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).
 - (1) HDPE 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.
 - (2) INSTALL 20' GRASSED EMERGENCY SPILLWAY AT ELEVATION = 409.00'.
 - (3) INSTALL 20' GRASSED EMERGENCY SPILLWAY AT ELEVATION = 405.00'.
 - (4) ROOF DRAIN CLEANOUT. USE TRAFFIC RATED COVER IN PAVEMENT AREAS. SEE DETAIL. (TYPICAL).
 - (5) 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.
 - (6) INSTALL POROUS BAFFLES AS SHOWN. SEE DETAIL. (TYPICAL).
 - (7) YARD DRAIN. (TYPICAL) (SEE DETAIL)
 - (8) STONE BERM FOREBAY. (SEE DETAIL)
 - (9) INSTALL TENSAR NORTH AMERICAN GREEN S-150 (OR APPROVED EQUAL) IN DOT HATCHED AREA AS SHOWN. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
 - (10) STONE BERM BAFFLE. (SEE DETAIL)
 - (11) 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 DETAIL.
 - (12) 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.
 - (13) INTENTIONALLY OMITTED.
 - (14) CAP THIS LINE FOR FUTURE PHASE 2 DRIVEWAY CONSTRUCTION.
 - (15) INTENTIONALLY OMITTED.
 - (16) 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

NOTE:
1. 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.
2. 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.

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 007800, 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 45079C02615 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.

STORM DRAINAGE NOTES:

- ALL MATERIAL AND INSTALLATION IS TO MEET REQUIREMENTS OF THE LEXINGTON COUNTY AND SCDECD.
- 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.

NOTE TO OWNER AND CONTRACTOR:

- THIS PROJECT WILL FALL UNDER THE NPDES REGULATIONS ADMINISTERED BY SCDECD. 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.

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.

LAND DISTURBANCE AREA = 17.9 ACRES

NOTE:
INFORMATION REGARDING THE REPUTABLE SOURCE CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES WAS OBTAINED FROM LOCAL UTILITY COMPANIES AND AVAILABLE DRAWINGS SUPPLIED BY THE OWNER AND IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION. IT SHALL BE CONSIDERED IN THAT LIGHT BY THE ENGINEER. HOWEVER, COX AND DINKINS, INC. HAS NO NOTICE OR KNOWLEDGE OF ANY FACTS THAT WOULD LEAD US TO CONCLUDE THAT THE INFORMATION IS NOT ACCURATE. BUT UTILITIES AND STRUCTURES NOT SHOWN MAY BE LOCATED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS AGENTS AND HIS CONTRACTORS SHALL HEREBY DISTINCTLY UNDERSTAND THAT COX AND DINKINS, INC. IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THE UNDERGROUND INFORMATION INFORMATION WITH RESPECT TO ABOVE GROUND MONUMENTS OF SUCH UTILITIES IS BASED UPON ACTUAL FIELD MEASUREMENTS AND OBSERVATIONS, AND IS SHOWN HEREON.

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.

COX AND DINKINS
ENGINEERS & SURVEYORS
AND DINKINS, INC.
SOUTH CAROLINA
803-254-0518
803-765-0993
cdinc@coxanddinkins.com

REGISTERED PROFESSIONAL ENGINEER
NO. 14899

CERTIFICATE OF AUTHORIZATION
COX AND DINKINS, INC.
NO. C00294

NO.	DATE	DESCRIPTION
1	3/22/2017	Revised to add additional sheets
2	4/19/2017	Revised Per Publix & Utility company comments
3	7/7/2017	Revised Water and Sanitary Sewer
4	8/6/2017	Revised building footprint
5	9/1/2017	Bid Set

DEVELOPER:
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Orlando, Florida 32751
(P) 407.219.3540
(F) 407.219.3541
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BID SET
PROJECT:
Publix
South Lake Drive & Platt Springs Road
LOCATED NEAR RED BANK
LEXINGTON COUNTY, SOUTH CAROLINA
STORM DRAINAGE AND CONSTRUCTION PHASE SWPP PLAN

THIS 007800-02-005, 006, 013, 084, 095, 116
BOOK N/A SHEET NO. 245-19A
PROJECT NO. 1920 SHEET NO. C20
DATE 3/15/2017 21 of 48