

**SEWER LEGEND**

- SS (S1) PROPOSED SANITARY SEWER GRAVITY MAIN.
- FM (S2) PROPOSED SANITARY SEWER FORCE MAIN.
- PROPOSED SANITARY SEWER CLEAN OUT OR ELDER VALVE.
- PROPOSED SANITARY SEWER MANHOLE.

**CODED SEWER NOTES**

- (S1) CONTRACTOR SHALL FURNISH AND INSTALL 8" PVC SDR 35 SANITARY SEWER GRAVITY MAIN. SEE PROFILE.
- (S2) CONTRACTOR SHALL FURNISH AND INSTALL 2" C900 SANITARY SEWER FORCE MAIN. SEE PROFILE.
- (S3) JACK AND BORE UNDER PLATT SPRINGS ROAD WITH 8" OF 8" STEEL PIPE MEETING LEXINGTON COUNTY JOINT MUNICIPAL WATER & SEWER COMMISSION (LCJMWSC) SPECIFICATIONS.
- (S4) TAP NEW 2" C900 SANITARY SEWER FORCE MAIN TO EXISTING 12" SEWER FORCE MAIN. COORDINATE WITH OWNER FOR PAYMENT OF FEES TO CMWSC.
- (S5) APPROXIMATE LOCATION WHERE SANITARY SEWER SERVICE LINE EXITS THE BUILDING. VERIFY WITH PLUMBING PLANS.
- (S6) APPROXIMATE LOCATION WHERE 6" PVC REAR SERVICE LINE EXITS THE BUILDING. SEE PLUMBING PLANS FOR CONNECTION AND DETAILS. VERIFY INVERT WITH PLUMBING ENGINEER PRIOR TO CONSTRUCTION.
- (S7) CONTRACTOR SHALL FURNISH AND INSTALL 6" SDR 35 PVC SANITARY SEWER SERVICE LINE @ MINIMUM 0.5% SLOPE WITH CLEANOUTS AS SHOWN. MAINTAIN 3" MINIMUM COVER ALONG ENTIRE LENGTH OF SERVICE LINE. TRAFFIC RATED COVERS FOR CLEANOUTS IN PAVEMENT AREAS.
- (S8) CONTRACTOR SHALL FURNISH AND INSTALL TWO 1,250 GAL. GREASE TRAPS. (SEE DETAIL)
- (S9) TWEED PUMP STATION. SEE PUMP STATION DETAILS.
- (S10) 45° BEND WITH THRUST RESTRAINT.
- (S11) 4"-90° BEND WITH THRUST RESTRAINT.
- (S12) 4"-22.5° BEND WITH THRUST RESTRAINT.
- (S13) PROPOSED SEWER LINE CROSSES WATER MAIN IN THIS AREA - SEE PROFILES FOR MORE INFORMATION.
- (S14) PROPOSED SEWER LINE CROSSES STORM DRAINAGE IN THIS AREA - SEE PROFILES FOR MORE INFORMATION.
- (S15) CONTRACTOR SHALL FURNISH AND INSTALL 1,250 GAL. GREASE TRAP. (SEE DETAIL)
- (S16) COMPACTOR DRAINS TO BE INSTALLED BY BUILDING CONTRACTOR.
- (S17) 4"-11.25° BEND WITH THRUST RESTRAINT.

**CONTRACTOR NOTES:**

- 1) THE OWNER SHALL PAY ALL LEXINGTON COUNTY JOINT MUNICIPAL WATER AND SEWER COMMISSION (LCJMWSC) SANITARY SEWER FEES FOR THE PROJECT.
- 2) OWNER SHALL COORDINATE AND PAY ALL TAP FEES.
- 3) CONTRACTOR TO COORDINATE WITH ARCHITECTURAL/PLUMBING DRAWING FOR SERVICE LINE LOCATIONS.

**NOTE TO OWNER AND CONTRACTOR:**

**SEWER:**  
 AT COMPLETION OF THE SEWER CONSTRUCTION THE PROJECT MUST RECEIVE AN OPERATIONAL PERMIT FROM SCDHEC. IT IS IMPERATIVE THAT COX AND DINKINS, INC. RECEIVE CERTIFIED RECORD DATA FROM THE CONTRACTOR'S REGISTERED LAND SURVEYOR IN A TIMELY FASHION TO ALLOW A RECORD SEWER PLAN TO BE GENERATED AND SUBMITTED. THE CONTRACTOR'S SURVEYOR SHALL PROVIDE SIGNED HARD COPIES OF THE RECORD DRAWING AND DIGITAL INFORMATION TO THE ENGINEER, THE SURVEYOR SHALL PROVIDE LOCATIONS OF ALL APPURTENANT ITEMS INCLUDING BUT NOT LIMITED TO MANHOLES, CLEANOUTS, SERVICE LINE BENDS, ALL PUMP STATION DATA, ETC.

WITNESSED BY THE ENGINEER, A VISUAL OBSERVATION OF ALL PIPES AND MANHOLES MUST BE CONDUCTED. IF THE ENGINEER DEEMS IT NECESSARY UPON VISUAL INSPECTION, A MANDREL TEST OF SEWER LINES SHALL BE CONDUCTED AT NO ADDITIONAL COSTS. PRESSURE TEST OF ALL GRAVITY AND PRESSURE LINES MUST BE CONDUCTED. PUMP STATION FLOAT SWITCH AND CONTROL TEST WILL BE CONDUCTED WITH THE ENGINEER AND SCDHEC REPRESENTATIVE. AND MODIFICATION REQUIRED AS A RESULT OF ANY TEST SHALL BE THE CONTRACTOR'S RESPONSIBILITY AT NO ADDITIONAL COSTS TO THE OWNER.

**SANITARY SEWER NOTES:**

- 1) ALL MATERIAL AND INSTALLATION TO MEET THE REQUIREMENTS OF SCDHEC.
- 2) SEWER LINES SHALL CONFORM TO "TEN STATE STANDARDS".
- 3) CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS PRIOR TO STARTING WORK.
- 4) CONTRACTOR IS RESPONSIBLE FOR ACQUIRING THE NECESSARY PERMITS FROM THE ENGINEER PRIOR TO START OF CONSTRUCTION.
- 5) ALL ELEVATIONS SHOWN ARE BASED UPON MEAN SEA LEVEL DATUM.
- 6) PROVIDE SILT FENCE AND/OR OTHERS CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING ALL UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED IMMEDIATELY AFTER THE UTILITY CONSTRUCTION.
- 7) CONTRACTOR IS RESPONSIBLE FOR PRESSURE TESTING ALL MAINS AND SERVICES ACCORDING TO LCJMWSC & SCDHEC REQUIREMENTS.

**REFERENCES:**

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

**NOTES:**

1. THE SUBJECT PROPERTY IS IDENTIFIED AS LEXINGTON COUNTY TAX MAP SHEET 007800, BLOCK 02, LOTS 005, 006, 013, 084, 095, & 116.
2. THE SUBJECT PARCEL CURRENTLY CONTAINS FOUR RESIDENTIAL STRUCTURES AND ONE COMMERCIAL STRUCTURE.
3. ZONING OF THE SUBJECT PARCELS IS INTENSIVE DEVELOPMENT (ID).
4. CONTOUR INTERVAL ELEVATIONS ARE ONE (1) FOOT. ELEVATIONS SHOWN ARE NAVD 88 DATUM.
5. 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.
6. 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.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THEY AND THEIR SUBCONTRACTORS HAVE THE CORRECT/MOST UP-TO-DATE PLANS AVAILABLE.
8. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
9. ALL SIDEWALKS, STRIPING AND SIGNAGE SHALL BE ADA AND MUTCD COMPLIANT.

**COX AND DINKINS**  
 ENGINEERS & SURVEYORS  
 AND DINKINS, INC.  
 803-254-0518  
 803-765-0993  
 Email: cdinc@coxanddinkins.com

**SOUTH CAROLINA**  
 REGISTERED PROFESSIONAL ENGINEER  
 NO. 14890  
 WAREN W. HOLLAND  
 REGISTERED PROFESSIONAL ENGINEER  
 NO. 14893

**SOUTH CAROLINA**  
 CERTIFICATE OF AUTHORIZATION  
 COX AND DINKINS, INC.  
 No. C00294

**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	8/6/2017	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  
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 tmurray@WINDCREST.COM

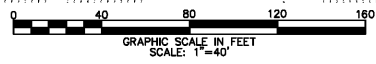
**BID SET**  
**Publix**  
 South Lake Drive & Platt Springs Road  
 LOCATED NEAR RED BANK  
 LEXINGTON COUNTY, SOUTH CAROLINA  
**SANITARY SEWER PLAN**

PROJECT NO. 1920  
 SHEET NO. C15  
 DATE 3/15/2017  
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**NOTE:**  
 INFORMATION REGARDING THE REPUTABLE SOURCE OF 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 AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THE CONTRACTOR. THE ENGINEER, COX AND DINKINS, INC. HAS NO NOTICE OR KNOWLEDGE OF ANY FACTS THAT WOULD LEAD TO CONCLUDE THAT THE INFORMATION IS NOT ACCURATE. BUT UTILITIES AND STRUCTURES NOT SHOWN MAY EXIST. 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 Square Blvd, Suite 220 Columbia, South Carolina 29201 (803) 939-1117

**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.



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