

JOHNNY MERCER BLVD

EXISTING WATER METER LOCATED WITHIN ROW ALONG JOHNNY MERCER BLVD.

PROPOSED RPZ BACKFLOW PREVENTER TO BE INSTALLED IN EXISTING WATER SERVICE LINE NEAR EXISTING WATER METER

EXISTING IRRIGATION PUMP HOUSE

N/F GEORGIA POWER  
PIN: 1-0044-05-001

SECOND STREET

THIRD STREET

EXISTING STRUCTURE (TYP.)

PROPOSED IRRIGATION WELL

PORTIONS OF MAYER PLANTATION  
N/F: WILMINGTON ISLAND BAPTIST CHURCH, INC.  
PIN: 1-0060-04-002

PORTION OF LOT 7  
MAYER PLANTATION  
CHATHAM WATER COMPANY  
PIN: 1-0060-04-032

LOT 13  
RESUBDIVISION OF WHITE OAKS  
SUBDIVISION  
MAYER PLANTATION  
SMB C, PG 46  
N/F: DELORES ARLEDGE  
PIN: 1-0060-04-015

LOT 14  
RESUBDIVISION OF WHITE OAKS  
SUBDIVISION  
MAYER PLANTATION  
SMB C, PG 46  
N/F: WHITMARSH PROPERTIES, LLC  
PIN: 1-0060-04-016

LOT 15  
RESUBDIVISION OF WHITE OAKS  
SUBDIVISION  
MAYER PLANTATION  
SMB C, PG 46  
N/F: JIMMY BECKWORTH  
PIN: 1-0060-04-017

PROPOSED WATER SERVICE TO TIE IN TO EXISTING SERVICE

PROPOSED 719 L.F. DUAL CONTAINED 1" x 3" HDPE WATER SERVICE

EXISTING GROUND WATER MONITORING WELL (TYP.)

PROPOSED 6" STEEL ENCASUREMENT PIPE AT ROAD CROSSING

PROPOSED WATER SERVICE SHALL BE INSTALLED W/ MINIMUM VERTICAL SEPARATION OF 18" BETWEEN STORM AND SANITARY SEWER, W/ 6" STEEL ENCASUREMENT PIPE, AND BACKFILLED W/ 3/4" CRUSHED STONE AT CROSSING

WATER SERVICE VAULT; WATER SERVICE SHALL TRANSITION FROM 1" HDPE TO 1" x 3" DUAL CONTAINED HDPE PRIOR TO EXITING THE WATER SERVICE VAULT

PROPOSED FENCED-IN MAINTENANCE AREA AND RELOCATED STORAGE BLDG

BASEBALL/SOFTBALL FIELD NO. 5 (325 FT.)  
W/ 100x55 YARD RECTANGLE FIELD

FIELD 6  
100x60 YARDS  
RECTANGLE FIELD

CLT. CAP. AND ABANDON EXISTING WATER SERVICE

PROPOSED 210 LF 1" HDPE SDR 9 WATER SERVICE

PROPOSED 1" REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER AND METER ASSEMBLY

TIE INTO EXISTING 10" WATER MAIN W/ 1" TAPPING SADDLE AND VALVE BOX; THERE SHALL BE NO BEND BETWEEN THE TAP AND THE METER

EXISTING PHASE I PARK AREA

NOTES:

1. THE PROPOSED IRRIGATION WELL SHALL NOT BE INSTALLED THROUGH WASTE. IF WASTE IS ENCOUNTERED DURING DRILLING OF THE WELL, THE INSTALLATION WILL BE TERMINATED AND ABANDONED. THE WELL WILL THEN BE RELOCATED TO AN AREA WHERE THERE IS NO WASTE PRESENT. THE WELL SHALL NOT BE RELOCATED MORE THAN FIFTY FEET WITHOUT APPROVAL FROM THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION.
2. IF WASTE IS ENCOUNTERED DURING DRILLING AND THE INSTALLATION IS TO BE TERMINATED AND ABANDONED, THE BORE HOLE SHALL BE TREMIE GROUTED WITH A LOW PSI BENTONITE GROUT MIXTURE (PORTLAND TYPE II CEMENT, 5-10 PERCENT BENTONITE POWDER, AND WATER) TO WITHIN TEN FEET OF THE GROUND SURFACE. THE UPPER TEN FEET SHALL BE FILLED WITH HYDRATED BENTONITE CHIPS UP TO THE GROUND SURFACE.
3. A WATER WELL DRILLER LICENSED IN ACCORDANCE WITH THE GEORGIA WATER WELL STANDARDS ACT WILL INSTALL THE WELL.
4. A PROFESSIONAL GEOLOGIST WILL PROPERLY DOCUMENT THE INSTALLATION OF THE WELL. WELL CONSTRUCTION DOCUMENTATION AND LITHOLOGIC LOGS WILL BE PROVIDED TO GEORGIA EPD UPON WELL COMPLETION.
5. UPON APPROVAL BY EPD OF THE PHASE 2 DESIGN, SUCCESSFUL DRILLING, AND DEVELOPMENT OF THE PROPOSED IRRIGATION WELL, THE FACILITY GROUNDWATER MONITORING PLAN WILL BE REVISED TO INCLUDE SEMIANNUAL MONITORING OF THE IRRIGATION WELL, INCLUDING PROCEDURES USED TO COLLECT THESE WELL SAMPLES.

FOR BIDDING PURPOSES ONLY  
NOT FOR CONSTRUCTION



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**DISCLAIMER:**

1. THE DESIGN / ENGINEERING WORK SHOWN ON THIS SHEET IS EXCLUSIVELY BASED ON THE TOPOGRAPHY, EXISTING CONDITIONS, OR DESIGNS BY OTHERS AS REFERENCED. SHOULD ANY OF THE EXISTING CONDITIONS OR TOPOGRAPHY BE FOUND TO BE DIFFERENT OR CHANGED, THE DESIGN ENGINEER THAT PREPARED THIS PLAN SHOULD BE CONTACTED PRIOR TO CONSTRUCTING / IMPLEMENTING THIS DESIGN, AND TO DETERMINE IF DESIGN REVISIONS ARE REQUIRED.
2. THE ENGINEER THAT PREPARED THIS DRAWING HAS ASSUMED THAT THE CONSTRUCTION WILL BE PERFORMED IN ACCORDANCE WITH THE ENGINEERING INTENT AND COMPLETE CONSTRUCTION SPECIFICATIONS WILL BE PREPARED TO ACCOMPANY THE DRAWINGS. THE ENGINEER EXPECTS THAT HE WILL BE INVOLVED WITH PROVIDED AN OPPORTUNITY TO REVIEW, AND INSPECT PRODUCTS AND CONSTRUCTION OF THE IMPROVEMENTS SHOWN ON THIS PLAN SHEET IN ORDER TO CONFIRM THAT THE CONSTRUCTION OF THE IMPROVEMENTS ARE INSTALLED IN ACCORDANCE WITH DESIGN CONCEPTS. SHOULD THE DESIGN ENGINEER NOT BE INVOLVED WITH CONSTRUCTION, HE WILL NOT BE LIABLE FOR CHANGES IN CONDITIONS OR FIELD CONDITIONS THAT MAY AFFECT THE DESIGN.

CALL FOR UTILITY LOCATIONS  
PRIOR TO ANY EXCAVATIONS  
1-800-282-7411



THREE WORKING DAYS BEFORE YOU DIG

UTILITY PLAN

**CONSTRUCTION PLANS**  
**CHARLIE BROOKS PARK - PHASE II**  
SR 367 WILMINGTON ISLAND PH 2 - 025-058D(L)  
FOR  
CHATHAM COUNTY BOARD OF COMMISSIONERS  
CHATHAM COUNTY, GEORGIA

**HHNT**  
HODGES, HARBIN,  
NEWBERRY & TRIBBLE, INC.  
Consulting Engineers

17 PARK OF COMMERCE  
BOULEVARD, SUITE 110  
SAVANNAH, GEORGIA 31405

(912) 298-0230 (PHONE)  
(912) 298-0234 (FAX)

PROJ. NO. 1705-038-01 DWG. CB-PH2-9-UP  
SCALE 1" = 60'  
DATE AUGUST 2020

SHEET 9 OF 19