

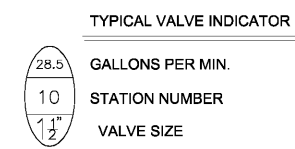
**IRRIGATION LEGEND**

- ⊕ IRRIGATION WELL AND WELL PUMP CONTROLS. REFER TO DETAIL-Q PRODUCING 65 GPM @ 100 PSI DISCHARGE. REQUIRES 460 VAC, 3 PHASE POWER.
- ⊕ MANUAL DRAIN VALVE. SCH 80 PVC BALL VALVE. DETAIL-E.
- ⊕ RAIN BIRD ESP-LXD CONTROLLER. 50 TOTAL STATIONS, 2-WIRE/DECODER BASED MODULAR CONTROLLER, FOUR PROGRAMS, PLASTIC, WALL MOUNTED. DETAIL-J,K,Q. IRRIGATION CONTRACTOR SHALL ALSO INSTALL A WIRELESS RAIN/FREEZE SENSOR FOR EACH CONTROLLER. NOTE: THERE ARE 49 ZONES SHOWN ON PLANS. IF ANY ZONES ARE ADDED DURING CONSTRUCTION, CONTROLLER WILL NEED TO INSTALL A 75 STATION EXPANSION MODULE INTO CONTROLLER FOR ADDITIONAL VALVES.
- ⊕ RAIN BIRD 150-EP-CP-PRS 200-EP-CP-PRS BRASS ELECTRIC REMOTE CONTROL VALVE, 1 1/2\"/>

NOTE: SYSTEM IS DESIGNED SO THAT MULTIPLE ZONES CAN OPERATE AT A TIME SO LONG AS TOTAL SYSTEM DEMAND DOES NOT EXCEED TOTAL SYSTEM SUPPLY (65 GPM).

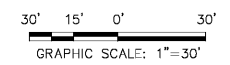
Order Plans @

- NOTES:**
1. ALL SPRINKLER TO BE MOUNTED ON MARLEX ELLS OR UNITIZED SWING JOINTS (AS SPECIFIED ON DETAILS).
  2. CONTRACTOR TO UTILIZE A AUTOMATIC DRAIN CHECK VALVE DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR.
  3. ALL TWO-WIRE CABLE TO BE MINIMUM SIZE OF 14-2 MAXI-CABLE
  4. ALL TWO-WIRE CABLE TO BE INSTALLED IN 1" SCH 40 PVC ELECTRICAL CONDUIT.
  5. ALL ELECTRICAL CONDUITS OPENINGS TO BE FOAM SEALED.
  6. ALL WIRE SPLICES TO BE MADE WITH 3M DBRY-6 CONNECTORS MOUNTED IN A MINIMUM OF 10" CARSON VALVE BOX
  7. ALL PIPING AND WIRING UNDER HARDTOPS WILL BE IN CLASS 200 PVC PIPE SLEEVE.
  8. LSP-1 SURGE ARRESTORS SHALL BE INSTALLED EVERY 300' OR EVERY 6 DECODERS (WHICHEVER IS SHORTER) ALONG TWO-WIRE PATH. LSP-1 SURGE ARRESTORS SHALL ALSO BE INSTALLED AT ALL TERMINAL ENDS OF TWO-WIRE CABLE PATHS (STAR CONFIGURATION). REFER TO DETAIL-P.
  9. INSTALLATION CONTRACTOR SHALL ADHERE TO ALL MANUFACTURER SPECIFICATIONS FOR TWO-WIRE CONTROL SYSTEM INSTALLATION (WIRE SIZING, WIRE LENGTH OF RUNS, GROUNDING, ETC).



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**FOR BIDDING PURPOSES ONLY**

ADDENDUM NO. 1 - REVISED SEPTEMBER 2020 - REDUCED PUMP CAPACITY

IRRIGATION PLAN SOUTH

**IRRIGATION PLAN**  
**CHARLIE BROOKS PARK - PHASE 2**  
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

PROJ. NO.	1706-038-01	DWG.	171118IE-R2
SCALE	1" = 30'		
DATE	JULY, 2020		

**SHEET IR-2 OF IR-5**