

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
	HUNTER PROS-04 SPRAY HEAD 5' STRIP
	HUNTER PROS-04 SPRAY HEAD 8' RADIUS
	HUNTER PROS-04 SPRAY HEAD 10' RADIUS
	HUNTER PROS-04 SPRAY HEAD 12' RADIUS
	HUNTER PROS-04 SPRAY HEAD 15' RADIUS

SYMBOL	MANUFACTURER/MODEL
	HUNTER PCZ-101-40 DRIP VALVE W/ EZ-1 DECODER
	PIPE TRANSITION POINT
	NDS SFPC-BR-09-18 (DRIP RING)
	AREA TO RECEIVE DRIPLINE NDS SFPC-BR-09-18 (24) (GRID PATTERN)

SYMBOL	MANUFACTURER/MODEL
	HUNTER PGV-300 SELECTING VALVE W/ EZ-1 DECODER
	GATE VALVE (MAINLINE SIZE)
	ZURBRUGG 75XL RAIN W/ INSULATED COVER 1"
	HUNTER PROS-04S DECODER CONTROLLER
	HUNTER W/ R-CLIK RAIN SENSOR
	WATER METER 1"

	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21
	PIPE SLEEVE: PVC SCHEDULE 40
	Valve Callout
	# = Valve Number
	# = Valve Floor
	# = Valve Size

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
	PIPING AND EQUIPMENT SHOWN TO THE SIDE FOR CLARITY

IRRIGATION NOTES

- IRRIGATION SYSTEM DESIGNED BASED ON 25 GPM AT 70 PSI.
- IRRIGATION DESIGN IS FROM THE POINT OF CONNECTION (POC) ONLY. THE DESIGN IS BASED ON GALLONS PER MINUTE (GPM) AND POUNDS PER SQUARE INCH (PSI).
- IRRIGATION CONTRACTOR IS TO VERIFY POINT OF CONNECTION IN THE FIELD. INSTALLER IS TO CONFIRM THE MINIMUM DISCHARGE REQUIREMENTS OF THE POINT OF CONNECTION AS INDICATED IN THE NOTES PRIOR TO INSTALLATION.
- THE PRESSURE REQUIREMENT FROM THE POINT OF CONNECTION TO THE HIGHEST POINT OF IRRIGATION IS BASED ON NO MORE THAN 5 FEET OF ELEVATION CHANGE. IF THE ELEVATION IS GREATER THAN 5 FEET CONSULT WITH THE IRRIGATION DESIGNER FOR POSSIBLE ADJUSTMENTS.
- FINAL CONTROLLER LOCATION TO BE DETERMINED BY OWNER REPRESENTATIVE.
- THE IRRIGATION DESIGN IS GRAPHICAL IN NATURE AND MAY NOT REPRESENT ACTUAL CIRCUMSTANCES IN THE FIELD. IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO USE INSTALLATION TECHNIQUES PER MANUFACTURER'S RECOMMENDATIONS AND ACCORDING TO LOCAL BUILDING, ELECTRICAL, AND PLUMBING CODES.
- IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO DETERMINE IF IRRIGATION EQUIPMENT CAN BE PLACED IN RIGHT OF WAYS, EASEMENTS, AND ACROSS PROPERTY LINES.
- IF LATERAL PIPING IS ADJUSTED IN THE FIELD THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR PROPER SIZING TECHNIQUES. THE FLOW RATES SHALL NOT EXCEED 5 FT/SEC. THE LOCATION OF IRRIGATION EQUIPMENT SHOWN ON THE DRAWING IS APPROXIMATE. ACTUAL PLACEMENT MAY VARY AS REQUIRED TO ACHIEVE FULL AND EVEN COVERAGE.
- ALL IRRIGATION HEADS SHALL BE INSTALLED PERPENDICULAR TO FINISHED GRADES EXCEPT AS OTHERWISE INDICATED.
- INSTALL IRRIGATION MAINLINES WITH A MINIMUM OF 18" OF COVER AND IRRIGATION LATERALS WITH A MINIMUM OF 12" OF COVER BASED ON FINISHED GRADES.
- THE IRRIGATION CONTRACTOR SHALL ARRANGE INSPECTIONS REQUIRED BY LOCAL AGENCIES AND ORDINANCES DURING THE COURSE OF CONSTRUCTION AS REQUIRED.
- ALL MAINLINE PIPE 3" AND LARGER TO BE SDR21 GASKETED PVC. SERVICE TEES/FITTINGS AND/OR DUCTILE IRON SERVICE TEES/FITTINGS TO BE USED UNLESS NOTED DIFFERENTLY IN THE IRRIGATION LEGEND. ALL MAINLINE 2-1/2" AND SMALLER TO BE SDR21 SOLVENT WELD PVC PIPE. ALL PVC PIPE FITTINGS TO BE SCH40 SOLVENT WELD.
- ALL WIRE SPLICES SHALL BE MADE WITH APPROVED WATERPROOF WIRE CONNECTIONS AND BE IN A VALVE OR SPLICE BOX.
- ALL CONTROL WIRING DOWNSTREAM OF THE IRRIGATION CONTROLLER TO BE UL APPROVED DIRECT BURY 16AWG.
- ALL IRRIGATION GROUNDING TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- THE DESIGN IS BASED ON THE SITE INFORMATION AND/OR DRAWING SUPPLIED WITH THE DESIGN CRITERIA BEING SET (AREA TO BE IRRIGATED, EQUIPMENT MANUFACTURER AND MODEL TO BE USED, WATER SOURCE INFORMATION, ELECTRICAL POWER AVAILABILITY, ETC.)



PROJECT NUMBER: 183818  
FOR MORE INFORMATION PLEASE CONTACT  
1-843-873-4062 OR VISIT OUR WEBSITE AT  
WWW.SITEONE.COM



SCALE 1" = 20'  
0' 10' 20' 40'

SCALE: 1"=30'

NOT FOR CONSTRUCTION

**BEEES FERRY SENIOR LIVING FACILITY**  
3097 BEEES FERRY ROAD  
CHARLESTON, SC 29414

CLIENT/OWNER  
**REVELA**  
3535 COLONEL VANDERHORST CIRCLE  
MOUNT PLEASANT, SC 29466  
843-296-3985  
WWW.REVELALIFE.COM

DESIGN PROJECT 2018069

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
		10.18.19

DESIGNED BY: GCK/G  
DRAWN BY: SM  
CHECKED BY: GCK/G

SCALE: NORTH  
VERT: N/A  
HORZ: 1"=30'  
0' 15' 30' 60'

IRRIGATION PLAN

SHEET NUMBER

L8-10