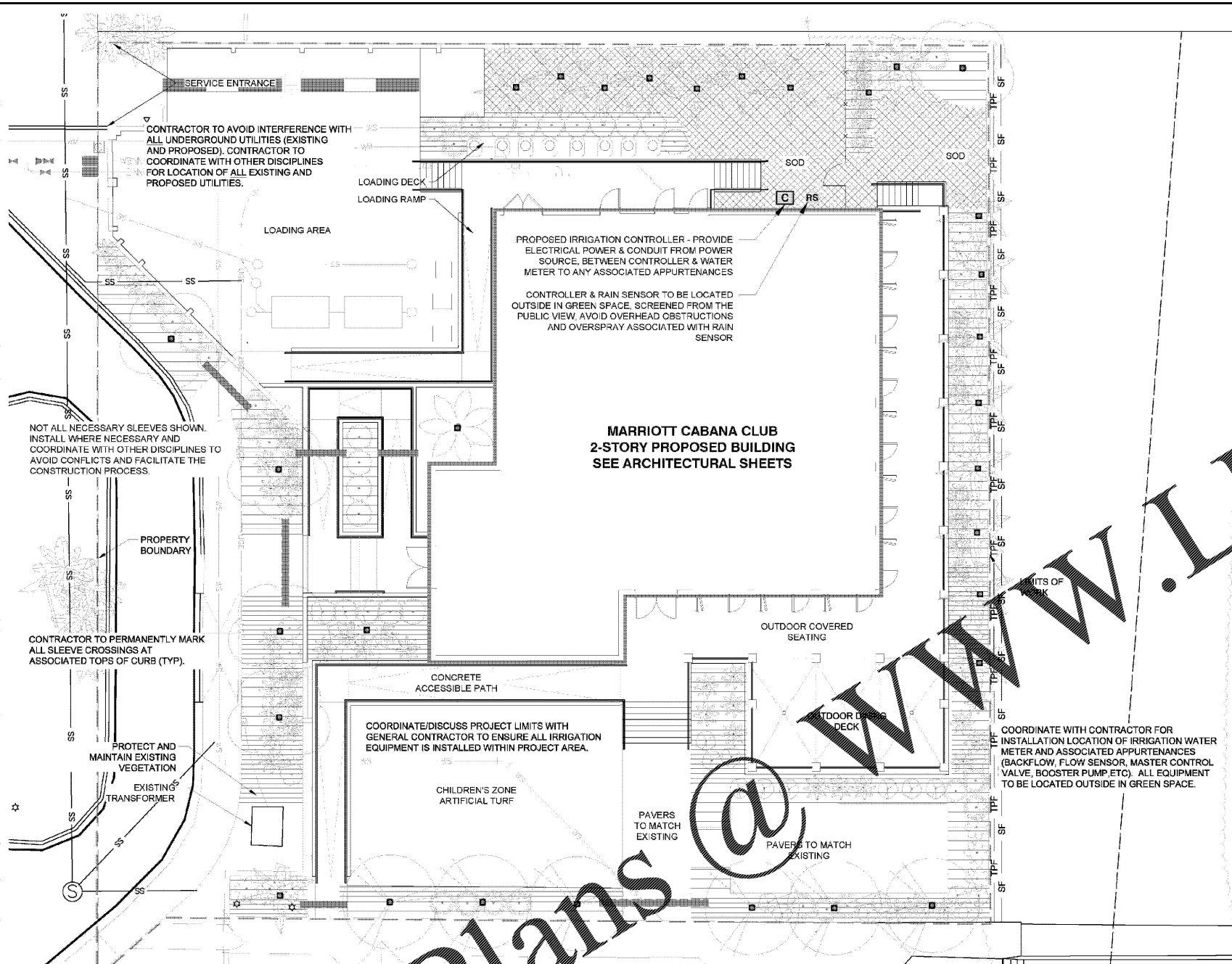


Project: By: Miller, Anna - Sheet: Irrigation Cabana Club - LA 6667393 - April 28, 2020 - 05:29:18PM - C:\JAX\LA6667393 - Marriott Cabana Club Working Files\LA6667393 - Irrigation Plan.dwg
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IRRIGATION CALCULATIONS			
ZONE	TYPE	SQ. FT.	PERCENTAGE
BED (DRIP)	SHRUBS	2,987	66%
TURF (DRIP)	SO	1,171	26%
LOW (BUBBLER)*	TREE	38	1%
TOTAL		4,596	100%

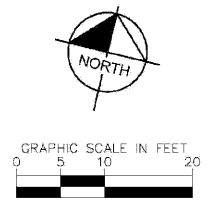
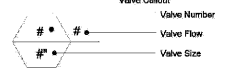
* BUBBLER SIZE: 1/2" 3000 GAL. DISCHARGE @ 12.56 SF

SCHEMATIC IRRIGATION NOTES

- SEE "TYPICAL IRRIGATION SPECIFICATIONS AND NOTES" ON SHEET LI-150 FOR MORE SPECIFIC INFORMATION.
- COORDINATE UTILITY LOCATES ("CALL BEFORE YOU DIG 811") OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- IRRIGATION SYSTEMS TO PROVIDE 100% COVERAGE OF ALL PROPOSED PLANT MATERIAL BY MEANS OF AUTOMATIC OR MANUAL UNDERGROUND IRRIGATION SYSTEMS.
- CONTRACTOR RESPONSIBLE FOR CONFIRMING ACTUAL PRESSURES FROM MAIN POINT OF CONNECTION PRIOR TO CONSTRUCTION.
- FOLLOWING XERISCAPE AND FLORIDA FRIENDLY BEST PRACTICES FOR WATER CONSERVATION, IRRIGATION SHALL BE PROVIDED BY AN APPROPRIATELY SIZED PUMP DRAWING FROM THE NEAREST POND SERVING THE NEIGHBORHOOD ONLY.
- A FUNCTIONING RAIN SHUTOFF DEVICE OR SOIL MOISTURE SENSOR SHALL BE UTILIZED IN AUTOMATIC IRRIGATION SYSTEMS. CONTROLLER TO BE MOUNTED IN AN INACCESSIBLE AREA.
- ALL VALVES SHALL BE INSTALLED IN A PLASTIC VALVE BOX WITH LOCKING KEY LOCATED IN SHRUB BEDS UNLESS OTHERWISE SHOWN.
- CONTRACTOR TO FOLLOW BEST PRACTICES THAT PROVIDE THE LEAST IMPACT FOR ROUTING OF PIPE TO EXISTING PLANT MATERIAL.
- INDIVIDUAL SPRAY HEAD PLACEMENT AND SPACING IN TURF SHALL PROVIDE COMPLETE HEAD TO HEAD COVERAGE.
- ALL TREES, SHRUBS, ORNAMENTAL PLANTS, AND GROUNDCOVER IN PLANT BEDS TO RECEIVE LOW VOLUME IRRIGATION.
- IRRIGATION ZONES SERVING DIFFERENT PLANT TYPES AND UTILIZING DIFFERENT METHODS OF IRRIGATION SHALL NOT BE COMBINED IN THE SAME ZONE.
- PROPOSED TREES AND SHRUBS SHALL BE IRRIGATED BY FLOOD BUBBLERS. ALL TREES IN LANDSCAPE BEDS SHALL BE IRRIGATED BY TREE RING DRIP EMITTERS.
- ONLY 30% OF THE IRRIGATED AREA SHALL BE HIGH VOLUME.
- ALL REQUIRED PLANT MATERIAL THAT IS NEWLY-PLANTED SHALL BE WATERED BY TEMPORARY OR PERMANENT IRRIGATION SYSTEMS UNTIL SUCH TIME AS THEY ARE ESTABLISHED. REQUIRED PLANT MATERIAL THAT FAILS ESTABLISHMENT SHALL BE REPLACED WITHIN THIRTY (30) DAYS OF WRITTEN NOTIFICATION, OR AS REASONABLE DETERMINED BY THE COUNTY ADMINISTRATOR.

IRRIGATION SCHEDULE

SYMBOL	DESCRIPTION	QTY	PRECIPI	PSI	GPM
	03 DRIP IRRIGATION (BED)	2,987 S.F.	0.15 in/h	25	5
	TURF DRIPLINE 0.4 GPH @ 18" O.C. DRIPLINE WITH 0.40 GPH EMITTERS AT 18" O.C., ROW SPACING AT 18" O.C.	1,171 S.F.	0.29 in/h	25	4
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI		
	FLOOD BUBBLER: HUNTER PCB	31	20		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	CONTROLLER: RAIN BIRD ESP-LX INSTALL IN LOCKING METAL CABINET	1			
	RAIN SENSOR: RAIN BIRD WR2-RFS MOUNT NEAR CONTROLLER	1			
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	62.5 LF.			
	PIPE SLEEVE: PVC SCHEDULE 40 TYPICAL PIPE SLEEVE FOR IRRIGATION PIPE. PIPE SLEEVE SHALL ALLOW FOR IRRIGATION PIPING AND THEIR RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING MATERIAL. EXTEND SLEEVES 1.8 INCHES BEYOND EDGES OF PAVING FOR CONSTRUCTION.	62.3 LF.			



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REVISIONS

No.	DATE	BY

REGISTERED LANDSCAPE ARCHITECT

R. MIKE MULLIS
FLORIDA LICENSE NUMBER LA6667393
STATE OF FLORIDA

LICENSED PROFESSIONAL

R. MIKE MULLIS
FLORIDA LICENSE NUMBER LA6667393
STATE OF FLORIDA

KHA PROJECT 04-5538000
DATE APRIL 2020
SCALE: AS SHOWN
DESIGNED BY: AKW
DRAWN BY: AKW
CHECKED BY: RMM

THIS DRAWING HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY:
R. MIKE MULLIS, P.L.A.
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IRRIGATION PLAN

MARRIOTT SAWGRASS CABANA BEACH CLUB
PREPARED FOR:
CW SAWGRASS HOTEL, LLC

FLORIDA

SHELLY OHNS COUNTY

LA 666 7393

SHEET NUMBER **IR-101**

PREPARED FOR: CW SAWGRASS HOTEL, LLC