

REAR DF PANEL ELECTRICAL COMPONENTS (PANEL BOTTOM) MAIN POWER ENTRY ONLY POWER & MOTOR WIRES ONLY **ONE CGB PER WIRE REQUIRED**

CGB CONNECTOR SCHEMATIC N.T.S.

A) VALVE VAULT SHALL BE COATED WITH KOP-COAT COAL TAR EPOXY 300-M INSIDE A OUT. (TWO COATS, 9 MILS EACH)	
B) WET WELL SHALL BE COATED WITH KOP-COAT COAL TAR EPOXY 300-M ON THE EX ONLY (TWO COATS, 9 MILS EACH) BY FABRICATOR. INTERIOR OF WET WELL SHALL BE O WITH 100 MIL OF RAVEN 405 MOISTURE TOLERANT BLUE EPOXY RESIN OR APPROVED WRITT EQUAL (PER RU SPECIFICATION 12.1-12.2 PROTECTIVE COATINGS) AFTER THE WET WELL BEEN CONSTRUCTED IN PLACE AND PLUMED.	
BASE AND FIRST RISER UNIT TO BE CAST MONOLITHIC.	
VALVE VAULT SHALL BE SIZED TO PERMIT EASY REMOVAL OF CHECK VALVE SPINDLES MINIMUM CLEARANCES AS SHOWN FOR 4" DIAMETER PIPE AND SMALLER CLEARANCES S INCREASE AS REQUIRED FOR LARGER PIPE SIZES, SIZE OF HATCH ON VALVE VAULT IS 4" PIPE AND SHALL INCREASE ACCORDINGLY WITH LARGER PIPE SIZES.	SHALL
ALL LOCATIONS WHERE PIPES ENTER OR LEAVE THE WET WELL OR VALVE VAULT SHALI MADE WATERTIGHT WITH WALL SLEEVE OR NON-SHRINK GROUT.	L BE
THERE SHALL BE NO VALVES OR ELECTRICAL JUNCTION BOXES IN WET WELL.	
ALL ENCLOSURES SHALL BE NEMA 4X.	
WET WELL AND VALVE VAULT COVERS SHALL BE ALUMINUM WITH 316 S.S. HARDWARE SI REQUIRED BY PUMP MANUFACTURER AND APPROVED BY FLORIDA COMMUNITY SERVICES	
FLEXIBLE COUPLING SHALL BE SLEEVE TYPE.	
ALL HARDWARE IN WET WELL AND VALVE BOX TO BE STAINLESS STEEL GRADE 316 OR I	BETTER.
ALL CONDUIT CONNECTING TO THE CONTROL PANEL WILL HAVE A CONDUIT BODY CROUSE-HINDS TYPE ESUF OR EQUAL FILLED WITH NON HARDENING COMPOUND.	
ALL EXPOSED FERROUS METAL WITHIN WET WELL AND VAULT SHALL BE COATED WITH KOP-COAT COAL TAR EPOXY 300-M.	
WET WELLS AND VALVE VAULTS WITHIN THE RIGHT OF WAY OR WITHIN 25 FEET OF AN OR IN ANY AREA DEEMED APPROPRIATE BY FCSC SHALL BE REQUIRED TO HAVE TRAF RATED APPROVED ALUMINUM COVERS FOR WEIGHT BEARING.	FFIC
. CONTROL PANEL SHALL HAVE BATTERY BACK UP FOR ALARM SYSTEM.	PROJECT NAME:
. ALL MECHANICAL JOINT FITTINGS ON PRESSURE PIPE SHALL HAVE BOTH "MEGALUG" TY JOINT RESTRAINING GLANDS AND THRUST BLOCKS.	PE BROJE
THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND MEETING THE REQUIREMENTS O REGIONAL UTILITIES STANDARD DETAILS AND SPECIFICATIONS LATEST EDITION.	F
ANY LOCATION WHERE PRESSURE PIPELINES CURVATURE EXCEEDS MANUFACTURES' SPECIFICATIONS; APPROPRIATE MECHANICAL JOINT FITTINGS SHALL BE USED.	SEAL:
. ALL 2–INCH VALVES SHALL BE BALL TYPE – 2–INCH GATE VALVES SHALL NOT BE US	
. ALL TIE IN TO EXISTING PRESSURIZED PIPELINES SHALL BE BY TAPPING SLEEVE (3 INC AND LARGER) (OR TAPPING SADDLE, 2 INCH TAP AND SMALLER) AND VALVE.	Н ТАР
. DEVELOPERS OF PRIVATE PROJECTS SHALL PROVIDE ALL WETLANDS PERMITS NECESSAF UTILITY CONSTRUCTION.	RY FOR DRAWN B
. ALL DUCTILE IRON PIPE SHALL BE COATED INSIDE AND OUT WITH PROTECTO 401 CERA EPOXY.	MIC PROJECT I DRAWING S
. A MIXER SHALL BE INSTALLED IN ALL CONCRETE WET WELLS LARGER THAN 6 FOOT DIAMETER. THE MIXER SHALL BE A WILO SUBMERSIBLE MIXER OR APPROVED EQUAL	PLOT DATE
	SHEET NO

NO. DATE APPR. REVISION	1 3/02/10 NOC UPDATE CONSTRUCTION DETAILS	2 1/25/11 NOC ADD STAINLESS NOTE TO SAFETY SWITCH	3 5/02/11 NOC ADD AIR GAP BETWEEN CONTROL PANEL & CONDUIT	4 2/27/14 RAD CHANGE SCADA & VALVE REQUIREMENTS	5 2/11/15 RAD CHANGE VALVE VAULT DRAIN DETAIL	6 1/01/18 RAD CHANGED PRESSURE GAUGE DETAIL	
			CORPORATION OF WALTON COUNTY INC.		AN 14 A 231-5114 Phone: (850) 231-5114	SANTA ROSA BEACH, FL 32459	
PROJECT NAME:				SHEET TITLE:	LIFT STATION (NON-CLOG PUMPS)		STANDARD DETAIL
PR DR PL	RAWI ROJE RAWIN	NG S DATE NO.	NO.: SCAL N.7	0(Ε: Γ.S)0-	٩D	