


BILL OF MATERIALS

	ID	QUAN.	ITEM DESCRIPTION	MANUFACTURER'S PART NUMBER
↓	1	1	18.00 HIGH X 16.00 WIDE X 10.00 DEEP CONTINUOUS HINGE	HOFFMAN A181610CHQRFGW
			COMPRESSION-MOLDED FIBERGLASS 4X ENCLOSURE	
			WITH QUICK RELEASE LATCHES AND DOOR WINDOW	
NOTE 2				
↓	2	1	16.75 HIGH X 14.88 WIDE PAINTED WIDE PANEL	HOFFMAN A1816
↓	3	1	LIQUID LEVEL OPTICAL TRANSCIVER	COX RESEARCH OPTL- TR2
		3	LEVEL DETECTOR, WITH WEIGHT, CABLE LENGTH TBD PER APPLICATION	OPTL-FLOAT OPTL-F1-XX-WTI (XX= CABLE LENGTH)
NOTE 1				
↓	4	1	DC UPS MODULE 24 V/6 A UNINTERRUPTIBLE POWER SUPPLY	SIEMENS 6EP19312DC21
		1	UPS BATTERY MODULE 24 V/7 AH	SIEMENS 6EP19356ME21
↓	5	3	CONTROL RELAY, 120VAC COIL, D.P.D.T., 8 PIN, SQUARE PLUG IN RELAY	ROCKWELL AUTOMATION 700-HC22A1-3-4 / 700-HN128
NOTE 2	6	8	DIN MOUNTED THROUGH TYPE GROUND MODULAR TERMINAL BLOCK	PHOENIX CONTACT USLKG6N
↓	7	1	PERFORATED STAND MOUNTING DIN RAIL	SIEMENS 5ST1 145
↓	8	1	DIN MOUNT SUPPLEMENTARY CIRCUIT BREAKER 6 AMP TRIP	ROCKWELL AUTOMATION 1492-SP1C060
NOTE 1	9	5	DIN MOUNTED 4 CIRCUIT PLUGGABLE SURGE ARRESTOR 24 VOLT DC	DEHN BSP M4 BE 24 / BXT BAS, PN : 926-324 AND 920-300
↓	10	1	DIN MOUNTED 2 POLE MODULAR SURGE PROTECTION DEVICE	DEHN DR M 2P150FM / 953-209
NOTE 2	11	1	WHITE WIDE SLOT WIRING DUCT 1.26 WIDE,3.12 HIGH WITH COVER	PANDUIT G 1X6 WH / C1WH6
↓	12	1	6 CIRCUIT COPPER GROUNDING BUS	ILSCO D167-6
NOTE 1	13	1	POWER SUPPLY120 VAC INPUT, 24VDC OUTPUT, 2.5AMP	SIEMENS 6EP1332-1LB00
↓	14	1	POWER SUPPLY 24VDC INPUT, 12VDC OUTPUT, 2.5AMP	SIEMENS 6EP1621-2BA00
NOTE 2	15	1	NEMA 4X ENCLOSURE BREATHER / DRAIN	HOFFMAN AVDR4ABS
↓	16	1	NEMA 4X PRESSURE COMPENSATION DEVICE	HOFFMAN APCDABS
NOTES: 1. NO SUBSTITUTE ITEM ACCEPTED, PROVIDE AS SPECIFIED. 2. ALTERNATE APPROVED SPECIFIED ITEM EQUAL ACCEPTED				

SCALE: N.T.S.		-		ADDED UPS BACK UP		06-12-2015		JG					
DESIGN: IAG/LS													
DRAWN BY: JG													
APPROVED BY: GM		NO		REVISION		DATE		BY					
<div><div></div><div>WASTEWATER DIVISION, INDUSTRIAL AUTOMATION GROUP CITY OF ORLANDO, FLORIDA</div></div>										TITLE: LIFT STATIONS STANDARDS OPTICAL WET WELL FLOAT PANEL BILL OF MATERIALS SPECIFIED COMPONENTS # 2		SHEET 705	