


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 A1816100CHORFGW
			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 TRANSCIEVER	COX RESEARCH OPTI- TR2
		3	LEVEL DETECTOR, WITH WEIGHT, CABLE LENGTH TBD PER APPLICATION	OPTI-FLOAT OPTLF1-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	SIEMENS 3TX7111-3LF13 / 3TX7144-4E5
		8	DIN MOUNTED THROUGH TYPE GROUND MODULAR TERMINAL BLOCK	PHOENIX CONTACT USLKG6N
NOTE 2				
↓	7	1	PERFORATED STAND MOUNTING DIN RAIL	SIEMENS 5ST1 145
	8	1	DIN MOUNT SUPPLEMENTARY CIRCUIT BREAKER 6 AMP TRIP	SIEMENS 5SJA106-7HG40
↓	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
	NOTE 1			
	10	1	DIN MOUNTED 2 POLE MODULAR SURGE PROTECTION DEVICE	DEHN DR M 2P150FM / 953-209
↓	11	1	WHITE WIDE SLOT WIRING DUCT 1.26 WIDE,3.12 HIGH WITH COVER	PANDUIT G 1X6 WH / C1WH6
	NOTE 2			
	12	1	6 CIRCUIT COPPER GROUNDING BUS	ILSCO D167-6
↓	13	1	POWER SUPPLY120 VAC INPUT, 24VDC OUTPUT, 2.5AMP	SIEMENS 6EP1332-1LB00
	NOTE 1			
	14	1	POWER SUPPLY 24VDC INPUT, 12VDC OUTPUT, 2.5AMP	SIEMENS 6EP1621-2BA00
↓	15	1	NEMA 4X ENCLOSURE BREATHER / DRAIN	HOFFMAN AVDR4ABS
	NOTE 2			
	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	
					WASTEWATER DIVISION, INDUSTRIAL AUTOMATION GROUP CITY OF ORLANDO, FLORIDA				
					TITLE: LIFT STATIONS STANDARDS OPTICAL WET WELL FLOAT PANEL BILL OF MATERIALS SPECIFIED COMPONENTS # 1				
					SHEET 704				