


BILL OF MATERIALS

ID		QUAN.	ITEM DESCRIPTION	MANUFACTURER'S PART NUMBER	ID	QUAN.	ITEM DESCRIPTION	MANUFACTURER'S PART NUMBER
②	1	1	48 HIGH X 36 WIDE X 16 DEEP 4X 316L SS 3 POINT LATCH ENCLOSURE	HOFFMAN A483616SS6L P3PT W/ WHITE SUN SHIELDS	16	1	CIRCUIT BREAKER WALKING BEAM INTERLOCK KIT FOR MCB AND ECB	SIEMENS M5444
	2	45	HIGH X 33 WIDE 316L STAINLESS STEEL PANEL	HOFFMAN A48P36SS6		6	DISTRIBUTION LUGS FOR ECB AND MCB CIRCUIT BREAKERS	SIEMENS T46FD04
	1	15	INCH 24 VOLT DC LED TYPE PANEL FIXTURE	HOFFMAN LED24V15	17	1	FINGER SAFE 600 VOLT FUSE BLOCK 3 POLE	BUSSMANN OPM 1038R
	1	MEDIUM	SIZE PAD LOCKABLE DOOR HANDLE	HOFFMAN AL55CW		3	FAST ACTING 1 AMP FUSE 600 VOLT	BUSSMAN KTK-R 1
	1	SWING-OUT	PANEL KIT	HOFFMAN ANADFK	18	1	DIN MOUNTED 3 POLE MODULAR SURGE PROTECTION DEVICE	DEHN DG M WE 600 FM / 952-307
	1	LED FIXTURE	MOUNTING BRACKET KIT	HOFFMAN PDLFBKKT	19	1	LOSS / REVERSAL PHASE & UNDERVOLTAGE PROTECTION MODULE	MPE INC 001-480-12-12-G60
	2	1	DOOR SWITCH ASSEMBLY KIT FOR INTRUSION ALARM	HOFFMAN ALFSWD	20	1	OUTDOOR ENCAPSULATED TRANSFORMER SIZED AS PER APPLICATION	SIEMENS ID1N00_OST
	3	1	PANEL MOUNT ELECTROMECHANICAL HORN 24 VOLT DC	ROCKWELL AUTOMATION 855H+G24GPA	21	3	DIN MOUNTED 2 POLE MODULAR SURGE PROTECTION DEVICE	DEHN DR M 2P150FM / 953-209
	4	1	HEAVY DUTY PIPE MOUNT RED LENS FLASHING BEACON 24 VOLT DC	ROCKWELL AUTOMATION 855BS-N24BL4	22	2	DIN MOUNTED BEIGE 2 TIER TERMINAL BLOCKS	ROCKWELL AUTOMATION 1492-JD4-BR
	5	1	CUSTOM BLACK NAMEPLATE PLASTIC ENGRAVED WHITE LETTERING	SETON M5300		2	DIN MOUNTED BEIGE 2 TIER TERMINAL BLOCK END PLATE	ROCKWELL AUTOMATION 1492-EBJD4
①④	6	1	PANEL MOUNT 4 POLE 4 WIRE PIN AND SLEEVE RECEPTACLE	RUSSELLSTOLL JRS1044F (FOR 208 - 230VAC APPL.)		-	DIN MOUNTED 2 TIER TERMINAL BLOCK LINK RAIL UPPER	ROCKWELL AUTOMATION 1492-CJL-10
				GROUSE HINDS AR2041AJA1 (FOR 480 VAC APPL.)		-	DIN MOUNTED 2 TIER TERMINAL BLOCK LINK RAIL LOWER	ROCKWELL AUTOMATION 1492-CJL-10
②	7	1	15 AMP GFCI RECEPTACLE BROWN	HUBBELL / BRYANT GF15		-	DIN MOUNTED SINGLE CIRCUIT BROWN TERMINAL BLOCKS	ROCKWELL AUTOMATION 1492-W4-BR
	8	1	30MM HEAVY DUTY OILTIGHT PUSH BUTTON	ROCKWELL AUTOMATION 800T-A2D1	23	1	DIN MOUNTED 10 AMP DIN MOUNTED 24VOLT DC POWER SUPPLY	SIEMENS 6EP1 334-3BA00
	1	CUSTOM	NAMEPLATE "BELL SILENCE"	ROCKWELL AUTOMATION 800H-W100E	24	5	DIN MOUNTED 15 AMP 3 P.D.T PLUGIN 24VOLT DC RELAY	ROCKWELL AUTOMATION 700HB33Z24-3-4 / 700HN154
	9	2	30MM HEAVY DUTY OILTIGHT 3 POSITION SELECTOR SWITCH	ROCKWELL AUTOMATION 800T-J2A	25	-	DIN MOUNTED 15 AMP 4 P.D.T PLUGIN 24VOLT DC RELAY	ROCKWELL AUTOMATION 700HF34Z24-3-4 / 700HN139
	4	CONTACT	BLOCK NORMALLY OPEN FOR ABOVE OPERATOR	ROCKWELL AUTOMATION 800T-XD1	26	1	DPDT TIME DELAY "ON" 24 VOLT DC, 8 PIN,OCT., PLUG IN RELAY	ROCKWELL AUTOMATION 700-HT12BU24 / 700-HN125
	2	"HAND OFF	AUTO" NAMEPLATE	ROCKWELL AUTOMATION 800T-X511	27	-	DIN MOUNTED BLUE 2 TIER TERMINAL BLOCKS	ROCKWELL AUTOMATION 1492-JD4-BL
	10	2	30MM HEAVY DUTY OILTIGHT ILLUMINATED GREEN PUSHBUTTON	ROCKWELL AUTOMATION 800T-QBH2G		-	DIN MOUNTED BLUE 2 TIER TERMINAL BLOCK END PLATE	ROCKWELL AUTOMATION 1492-EBJD4B
	2	CONTACT	BLOCK NORMALLY OPEN FOR ABOVE OPERATOR	ROCKWELL AUTOMATION 800T-XD1		-	DIN MOUNTED 2 TIER TERMINAL BLOCK LINK RAIL UPPER	ROCKWELL AUTOMATION 1492-CJL-10
	2	CONTACT	BLOCK NORMALLY CLOSED FOR ABOVE OPERATOR	ROCKWELL AUTOMATION 800T-XD2		-	DIN MOUNTED 2 TIER TERMINAL BLOCK LINK RAIL LOWER	ROCKWELL AUTOMATION 1492-CJL-10
	2	"RUN"	NAMEPLATE	ROCKWELL AUTOMATION 800T-X540	28	10	DIN MOUNTED 4 CIRCUIT PLUGGABLE SURGE ARRESTOR 24 VOLT DC	DEHN BSP M4 BE 24 / BXT BAS, PN : 926-324 AND 920-300
	11	2	30MM HEAVY DUTY OILTIGHT ILLUMINATED RED PUSHBUTTON	ROCKWELL AUTOMATION 800T-QBH2R	29	2	WHITE WIDE SLOT WIRING DUCT 1.26 WIDE,3.12 HIGH WITH COVER	PANDUIT G 1X3 WH / C1WH6
	6	CONTACT	BLOCK NORMALLY OPEN FOR ABOVE OPERATOR	ROCKWELL AUTOMATION 800T-XD1	30	1	12 CIRCUIT COPPER GROUNDING BUS	ILSCO D167-12
	2	CONTACT	BLOCK NORMALLY CLOSED FOR ABOVE OPERATOR	ROCKWELL AUTOMATION 800T-XD2	31	-	2 CIRCUIT COPPER / ALUMINUM LUG	ILSCO AU-0
	2	"FAILURE"	"PUSH TO RESET" NAMEPLATE	ROCKWELL AUTOMATION 800T-W100E	32	-	3 CIRCUIT COPPER / ALUMINUM LUG	ILSCO T3A2-2
	12	2	SOLID STATE ELECTRONIC SOFT STARTER MOTOR CONTROLLER	SIEMENS 3RW44 26 1BC35	33	4	1 CIRCUIT 8-1/0 COPPER LUG	ILSCO CP-0
	2	SOFT STARTER	MOTOR CONTROLLER REMOTE PANEL DISPLAY	SIEMENS 3RW49 00-0AC00	34	-		-
	2	REMOTE	PANEL DISPLAY INTERCONNECT 2.5 METER CABLE	SIEMENS 3RT19 55-4G		-		-
	2	SOFT STARTER	TERMINAL COVERS	ENM SERIES T 40B45		2	REMOTE RESET SOLENOID FOR ABOVE -.24 VOLT DC	ALLEN BRADLEY 193-EMRZ24
	13	2	PANEL MOUNT ELECTRONIC DC HOUR 6 DIGIT METER	ROCKWELL AUTOMATION 1492-SP1C005	35	1	FINGER SAFE 600 VOLT FUSE BLOCK 3 POLE	BUSSMANN OPM 1038R
	14	1	DIN MOUNT SUPPLEMENTARY CIRCUIT BREAKER .5 AMP TRIP	ROCKWELL AUTOMATION 1492-SP1C060		3	2-.7.5 AMP AND 1-.15 AMP TIME DELAY FUSES 600 VOLT	BUSSMAN FNC-R-2 AND FNC-R-5
	1	DIN MOUNT	SUPPLEMENTARY CIRCUIT BREAKER 6 AMP TRIP	ROCKWELL AUTOMATION 1492-SP1C080	36	-	LIQUID LEVEL OPTICAL OPEN ASSEMBLY KIT	OPTI-FLOAT OPTI-QA 4
	2	DIN MOUNT	SUPPLEMENTARY CIRCUIT BREAKER 8 AMP TRIP	ROCKWELL AUTOMATION 1492-SP1C020		-	LEVEL DETECTOR, WITH WEIGHT, CABLE LENGTH TBD PER APPLICATION	OPTI-FLOAT OPTI-F1-XX-WT1 (XX= CABLE LENGTH)
	2	DIN MOUNT	SUPPLEMENTARY CIRCUIT BREAKER 2 AMP TRIP	ROCKWELL AUTOMATION 1492-SP1C100	37	1EA	4/0 AND 6 AWG 1-HOLE, SHORT BARREL, SINGLE INDENT LUG	ILSCO Y1011C42T
	1	DIN MOUNT	SUPPLEMENTARY CIRCUIT BREAKER 10 AMP TRIP	ROCKWELL AUTOMATION 1492-SP1C050	38	2	NEMA 4X ENCLOSURE BREATHER / DRAIN	HOFFMAN AVDR4NM
	1	DIN MOUNT	SUPPLEMENTARY CIRCUIT BREAKER 5 AMP TRIP	ROCKWELL AUTOMATION 1492-A1B8	39	1	CORROSION- INHIBITING VAPOR CAPSULE	HOFFMAN APCDABS
	1	CIRCUIT	BREAKER LINE SIDE FEED BUS BAR	ROCKWELL AUTOMATION 1492-AA11	40	1	PUMP PROTECTION DISPLAY AND RELAY UNIT	TO BE SPECIFIED BY PUMP MANUFACTURER
	1	CIRCUIT	BREAKER LINE SIDE INFEEED BUS BAR	ROCKWELL AUTOMATION 1492-AA11	41	3	NEUTRAL DISTRIBUTION TERMINAL BLOCK	BUSSMAN 16220-1
	15	2	3 POLE MOLDED CASE CIRCUIT BREAKER 600 VOLT RATED	ROCKWELL AUTOMATION 140UH2C3CX SIZE TO APPL.	42	1	NEUTRAL DISTRIBUTION TERMINAL BLOCK	PHOENIX CONTACT USLKG6N
	16	2	3 POLE MOLDED CASE CIRCUIT BREAKER 600 VOLT RATED	SIEMENS FXD63BXXX, SIZE TO APPLICATION	43	11	DIN MOUNTED THROUGH TYPE GROUND MODULAR TERMINAL BLOCK	SIEMENS SST1 145
NOTES: 1. NO SUBSTITUTE ITEM ACCEPTED. PROVIDE AS SPECIFIED. 2. ALTERNATE APPROVED SPECIFIED ITEM EQUAL ACCEPTED 3. DUPLEX PANELS MAY OMIT ONLY THOSE COMPONENTS FOR PUMP 3 4. OMIT ITEM # 6 ON STATIONERY GENERATOR APPLICATIONS					44	3	PERFORATED STAND MOUNTING DIN RAIL	
						1		

SCALE: N.T.S.		2	REVISED ORDERING DATA, ITEM 21		06-23-2014	JG
DESIGN: IAG / LS		4	ADDED ITEM 42		06-26-2014	JG
DRAWN BY: JG		5	REVISED ITEM # 26		03-04-2015	JG
APPROVED BY: GM		6	REVISED SPECIFIED PRODUCT		04-10-2015	JG
		NO	REVISION		DATE	BY
<div><div></div><div>WASTEWATER DIVISION, INDUSTRIAL AUTOMATION GROUP CITY OF ORLANDO, FLORIDA</div></div>						
TITLE: LIFT STATIONS STANDARDS 25 HP TO < 50 HP DUPLEX SSRVS PUMP CONTROLLER FOR SPECIFIED COMPONENTS # 2					SHEET 505	