

BILL OF MATERIALS

ID	QUAN.	ITEM DESCRIPTION	MANUFACTURER'S PART NUMBER	ID	QUAN.	ITEM DESCRIPTION	MANUFACTURER'S PART NUMBER
②	1	48 HIGH X 36 WIDE X 16 DEEP 4X 3/16L SS 3 POINT LATCH ENCLOSURE	HOFFMAN A483616SS6LP3PT W/ WHITE SUN SHIELDS	16	1	CIRCUIT BREAKER WALKING BEAM INTERLOCK KIT FOR MCB AND ECB	SIEMENS M5444
	2	45 HIGH X 33 WIDE 3/16L STAINLESS STEEL PANEL	HOFFMAN A48P36SS6		6	DISTRIBUTION LUGS FOR ECB AND MCB CIRCUIT BREAKERS	SIEMENS TA6FD04
	1	15 INCH 24 VOLT DC LED TYPE PANEL FIXTURE	HOFFMAN LED24V15	17	1	FINGER SAFE 600 VOLT FUSE BLOCK 3 POLE	BUSSMANN OFM 1038
	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 MU 3PY 480 3W+G R / 908-319
①	1	LED FIXTURE MOUNTING BRACKET KIT	HOFFMAN PDLFBKRT	19	1	LOSS / REVERSAL PHASE & UNDERVOLTAGE PROTECTION MODULE	MPE INC 001-480-12-12-G60
	2	DOOR SWITCH ASSEMBLY KIT FOR INTRUSION ALARM	HOFFMAN ALF5WD	20	1	OUTDOOR ENCAPSULATED TRANSFORMER SIZED AS PER APPLICATION	SIEMENS 1D1N00_QST
	3	PANEL MOUNT ELECTROMECHANICAL HORN 24 VOLT DC	EDWARDS 871P-G1	21	3	DIN MOUNTED 2 POLE MODULAR SURGE PROTECTION DEVICE	DEHN DR M 2P150FMI / 953-209
	4	HEAVY DUTY PIPE MOUNT RED LENS FLASHING BEACON 24 VOLT DC	EDWARDS 105XBMRM24D	22	2	DIN MOUNTED BEIGE 2 TIER TERMINAL BLOCKS	SIEMENS 8WA1 011-6DG11
	5	CUSTOM BLACK NAMEPLATE PLASTIC ENGRAVED WHITE LETTERING	SETON M5300		2	DIN MOUNTED BEIGE 2 TIER TERMINAL BLOCK END PLATE	SIEMENS 8WA1 817
	6	PANEL MOUNT 4 POLE 4 WIRE PIN AND SLEEVE RECEPTACLE	RUSSELLSTOLL JRS1044F (FOR 208 - 230VAC APPL.)		1	DIN MOUNTED 2 TIER TERMINAL BLOCK LINK RAIL UPPER	SIEMENS 8WA1 853
			CROUSE HINDS AR2041/AJA1 (FOR 480 VAC APPL.)		1	DIN MOUNTED 2 TIER TERMINAL BLOCK LINK RAIL LOWER	SIEMENS 8WA1 858
	7	15 AMP GFCI RECEPTACLE BROWN	HUBBELL / BRYANT GF15		-	DIN MOUNTED BEIGE SINGLE CIRCUIT TERMINAL BLOCKS	SIEMENS 8WA1 011-1DG11
	8	30MM HEAVY DUTY OIL TIGHT PUSH BUTTON	SIEMENS 52PA8A1K	23	1	DIN MOUNTED 10 AMP DIN MOUNTED 24VOLT DC POWER SUPPLY	SIEMENS 6EP1 334-3BA00
	1	CUSTOM NAMEPLATE "BELL SILENCE"	SIEMENS 52NL02BE	24	7	DIN MOUNTED 15 AMP 3 P.D.T PLUGIN 24VOLT DC RELAY	SIEMENS 3TX7115-5NC03 / 3TX7144-4E4
②	2	30MM HEAVY DUTY OIL TIGHT 3 POSITION SELECTOR SWITCH	SIEMENS 52S82BAB	25	-	DIN MOUNTED 15 AMP 4 P.D.T PLUGIN 24VOLT DC RELAY	SIEMENS 3TX7117-5PC03 / 3TX7144-4E9
	4	CONTACT BLOCK NORMALLY OPEN FOR ABOVE OPERATOR	SIEMENS 52BAK	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	SIEMENS 52NL37	27	-	DIN MOUNTED BLUE 2 TIER TERMINAL BLOCKS	SIEMENS 8WA1 011-6BG11
	2	30MM HEAVY DUTY OIL TIGHT ILLUMINATED GREEN PUSHBUTTON	SIEMENS 52PL4D3		-	DIN MOUNTED BLUE 2 TIER TERMINAL BLOCK END PLATE	SIEMENS 8WA1 817
	2	CONTACT BLOCK NORMALLY OPEN FOR ABOVE OPERATOR	SIEMENS 52BAK		-	DIN MOUNTED 2 TIER TERMINAL BLOCK LINK RAIL UPPER	SIEMENS 8WA1 853
	2	CONTACT BLOCK NORMALLY CLOSED FOR ABOVE OPERATOR	SIEMENS 52BAJ		-	DIN MOUNTED 2 TIER TERMINAL BLOCK LINK RAIL LOWER	SIEMENS 8WA1 858
	2	"RUN" NAMEPLATE	SIEMENS 52NL23	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
	2	30MM HEAVY DUTY OIL TIGHT ILLUMINATED RED PUSHBUTTON	SIEMENS 52PL4D3	29	2	WHITE WIDE SLOT WIRING DUCT 1.26 WIDE 3.12 HIGH WITH COVER	PANDUIT G 1X6 WH / C1WH6
	6	CONTACT BLOCK NORMALLY OPEN FOR ABOVE OPERATOR	SIEMENS 52BAK	30	1	12 CIRCUIT COPPER GROUNDING BUS	ILSCO D167-12
	2	CONTACT BLOCK NORMALLY CLOSED FOR ABOVE OPERATOR	SIEMENS 52BAJ	31	2	2 CIRCUIT COPPER / ALUMINUM LUG	ILSCO AU-0
②	2	"FAILURE" "PUSH TO RESET" NAMEPLATE	SIEMENS 52NL23	32	1	3 CIRCUIT COPPER / ALUMINUM LUG	ILSCO T3A2-2
	2	PANEL MOUNT ROUND STYLE ANALOG AMP METER	SIMPSON ELECTRIC 55 0160	33	1	1 CIRCUIT COPPER LUG	ILSCO CP-8
	2	CURRENT TRANSFORMER WITH TERMINAL S-RATIO 100:5	SIMPSON ELECTRIC 37020	34	2	SIZE 2.5 FVNR MOTOR STARTER WITH ELECTRONIC OVERLOAD MODULE	SIEMENS 14GUG32AS
	1	6 POLE CURRENT TRANSFORMER SHORTING BLOCK	SOUTHERN TRANSFORMER SB-6TC		2	SIZE 2.5 FVNR MOTOR STARTER N.O. AUXILIARY CONTACT BLOCK	SIEMENS 49AB20
	2	PANEL MOUNT ELECTRONIC DC HOUR 6 DIGIT METER	ENM SERIES T 40B45	35	1	FINGER SAFE 600 VOLT FUSE BLOCK 3 POLE	BUSSMANN OFM 1038R
	14	1 DIN MOUNT SUPPLEMENTARY CIRCUIT BREAKER .5 AMP TRIP	SIEMENS SSJ4105-7HG40		3	2-7.5 AMP AND 1-15 AMP TIME DELAY FUSES 600 VOLT	BUSSMAN FNG-R-2 AND FNG-R-5
	1	DIN MOUNT SUPPLEMENTARY CIRCUIT BREAKER 6 AMP TRIP	SIEMENS SSJ4106-7HG40	36	-	LIQUID LEVEL OPTICAL OPEN ASSEMBLY KIT	OPT1-FLOAT OPT1-0A 4
	2	DIN MOUNT SUPPLEMENTARY CIRCUIT BREAKER 8 AMP TRIP	SIEMENS SSJ4108-7HG40		-	LEVEL DETECTOR, WITH WEIGHT, CABLE LENGTH TBD PER APPLICATION	OPT1-FLOAT OPT1-F1-XX-WT1 (XX= CABLE LENGTH)
	-	DIN MOUNT SUPPLEMENTARY CIRCUIT BREAKER 2 AMP TRIP	SIEMENS SSJ4102-7HG40	37	1EA	4/0 AND 6 AWG 1-HOLE, SHORT BARREL, SINGLE INDENT, COMPRESSION TYPE, DUAL RATED CU / AL LUG	ILSCO Y10111C42T
	1	DIN MOUNT SUPPLEMENTARY CIRCUIT BREAKER 10 AMP TRIP	SIEMENS 6SJ4110-7HG40				ILSCO Y02111C42T
①	1	DIN MOUNT SUPPLEMENTARY CIRCUIT BREAKER 5 AMP TRIP	SIEMENS 6SJ4111-7HG40	38	1	NEMA 4X ENCLOSURE BREATHER / DRAIN	HOFFMAN AVDR4SS4
	1	CIRCUIT BREAKER LINE SIDE FEED BUS BAR	SIEMENS 6ST 3663-0HG	39	1	NEMA 4X ENCLOSURE PRESSURE COMPENSATION DEVICE	HOFFMAN APCDABS
	1	CIRCUIT BREAKER LINE SIDE INFEEED BUS BAR	SIEMENS 6ST 3666-2HG	40	1	CORROSION- INHIBITING VAPOR CAPSULE	HOFFMAN AHC10E
	2	3 POLE MOULDED CASE CIRCUIT BREAKER 600 VOLT RATED	SIEMENS ED63BXXXX, SIZE TO APPLICATION	41	2	PUMP PROTECTION DISPLAY AND RELAY UNIT	TO BE SPECIFIED BY PUMP MANUFACTURER
	2	3 POLE MOULDED CASE CIRCUIT BREAKER 600 VOLT RATED	SIEMENS FXD63BXXX, SIZE TO APPLICATION	42	-	-	-
				43	11	DIN MOUNTED THROUGH TYPE GROUND MODULAR TERMINAL BLOCK	PHOENIX CONTACT USLKG6N
				44	3	PERFORATED STAND MOUNTING DIN RAIL	SIEMENS 55T1 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							

SCALE: N.T.S.

DESIGN: IAG / LS

DRAWN BY: JG

APPROVED BY: GM

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NO

REVISED SPECIFIED PRODUCT

REVISED QUANTITY ITEM # 24

REVISED ORDERING DATA ITEM # 26

REVISION

11-15-2013

05-08-2014

03-04-2015

DATE

JG

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BY

CITY OF ORLANDO, FLORIDA

THE CITY BEYOND

WASTEWATER DIVISION,

INDUSTRIAL AUTOMATION GROUP

CITY OF

ORLANDO, FLORIDA

TITLE:

LIFT STATIONS STANDARDS

< 25 HP NEMA STARTER

DUPLEX PCP

BILL OF MATERIALS

SPECIFIED COMPONENTS # 1

SHEET

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