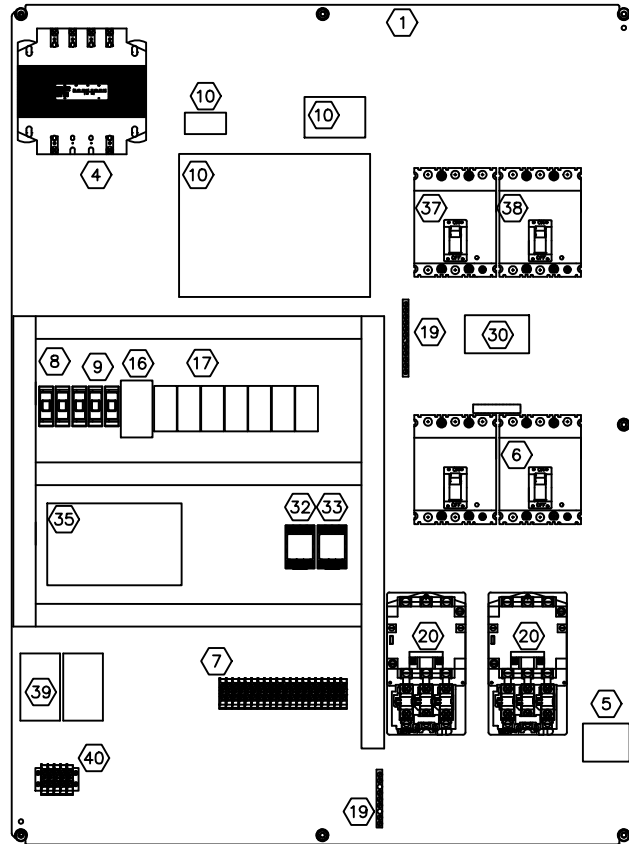
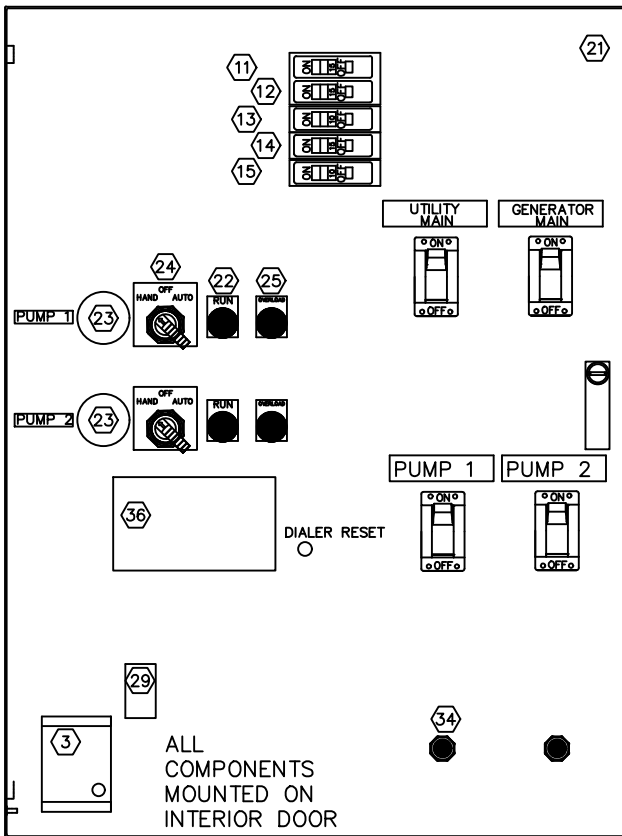


BILL OF MATERIALS			MANUFACTURER
ITEM	QUAN	DESCRIPTION	
1	1	MOUNTING PANEL CAT# A-48P36	HOFFMAN
2	1	LIGHTNING ARRESTER CAT# SDSA3650	SQUARE D
3	1	100 WATT HEATER (MOUNTED TO REAR OF DEAD FRONT) CAT# D-AH1001A	HOFFMAN
4	1	3000VA 480-120VAC CONTROL POWER TRANSFORMER CAT# 9070 T3000D1	SQUARE D
5	1	GENERATOR POWER DISTRIBUTION BLOCK CAT# 1323572	MARATHON
6	2	MOTOR STARTER BREAKERS CAT# FAL34060	SQUARE D
7	20	"TB1" TERMINAL BLOCKS CAT# 102010	WEIDMULLER
8	1	3 POLE FUSE BLOCK / FUSES CAT# CHCC3 / FNQR1	BUSSMANN
9	1	2 POLE FUSE BLOCK / FUSES CAT# CHCC2 / FNQR15	BUSSMANN
10	1	8 CHANNEL DIALER/BATTERY/TRANSFORMER CAT# M103	MISSIONS COMM.
11	1	TRANSFORMER SECONDARY MAIN BREAKER CAT# QOU130	SQUARE D
12	1	GFI BREAKER CAT# QOU115	SQUARE D
13	1	SPACE HEATER BREAKER CAT# QOU110	SQUARE D
14	1	SPARE BREAKER CAT# QOU115	SQUARE D
15	1	SYSTEM CONTROL POWER BREAKER CAT# QOU110	SQUARE D
16	1	PHASE LOSS/UNDERVOLTAGE/REVERSAL RELAY CAT# B4873015	CROUZET
17	6	4 POLE DT RELAY / BASE CAT# RY4S-ULCAC120V / SY4S05	IDEC
18			
19	2	COPPER GROUND BAR CAT# PK7GTA	SQUARE D
20	2	THREE PHASE 20 HP - 480 VOLT STARTER CAT# 8536 SDO1V02S	SQUARE D
21	1	ENCLOSURE CAT# A-48H3612SSLP3PT	HOFFMAN
22	2	"RUN" GREEN PILOT LIGHT CAT# ZB4BV6 / ZB4BV03	TELEMECANIQUE
23	2	ELAPSED TIME METER CAT# 711-0160	REDDINGTON
24	2	"HAND - OFF - AUTO" SELECTOR SWITCH CAT# 9001 SKS43FBH13	SQUARE D

BILL OF MATERIALS			MANUFACTURER
ITEM	QUAN	DESCRIPTION	
25	2	"OVERLOAD" RED PILOT LIGHT CAT# ZB4BV6 / ZB4BV04	TELEMECANIQUE
26			
27			
28			
29	1	GROUND FAULT RECEPTACLE CAT# 8599-1	LEVITON
30	1	POWER DISTRIBUTION BLOCK CAT#9080 LBA363206	SQUARE D
31			
32	1	FLOAT CONTROL LAG DELAY TIMER / BASE CAT# RTE-P1-AF20 / SR2P-06	IDEC
33	1	FLOAT CONTROL LOW FLOAT TIMER / BASE CAT# RTE-P1-AF20 / SR2P-06	IDEC
34	2	OVERLOAD RESET BUTTON CAT# 9066 RA1	SQUARE D
35	1	DUPLEX CONTROLLER CAT# MT2PC-3	MULTITRODE
36	1	DUPLEX CONTROLLER FACEPLATE CAT# MT2PC-F	MULTITRODE
37	1	MAIN BREAKER CAT# FAL34100WB	SQUARE D
38	1	GENERATOR MAIN BREAKER CAT# FAL34100WB	SQUARE D
39	2	INTRINSICALLY SAFE BARRIER RELAY CAT# ISO-120-AFN	DIVERSIFIED
40	4	"TB2" INTRINSICALLY SAFE TERMINAL BLOCKS CAT# 102010	WEIDMULLER
41			
42			
43			
44			
45			
46			
47			
48			

NOTE:
BREAKERS, STARTERS AND OVERLOAD PROTECTION WILL BE DETERMINED BY POWER REQUIREMENTS AND PUMP SIZES



NOTE:
ENCLOSURE, PANELS AND INTERIOR DOOR SIZES MAY VARY ACCORDING TO BREAKER AND STARTER SIZES.

CITY OF ROCK HILL
UTILITIES DEPARTMENT
757 S. ANDERSON ROAD
ROCK HILL, SC 29730



STANDARD DETAIL

PUMP STATION - PANEL LAYOUT WITH BILL OF MATERIALS

REVISIONS:	DATE:	FILE NAME
	FEB. 2018	
	SCALE:	16.06
	N.T.S.	