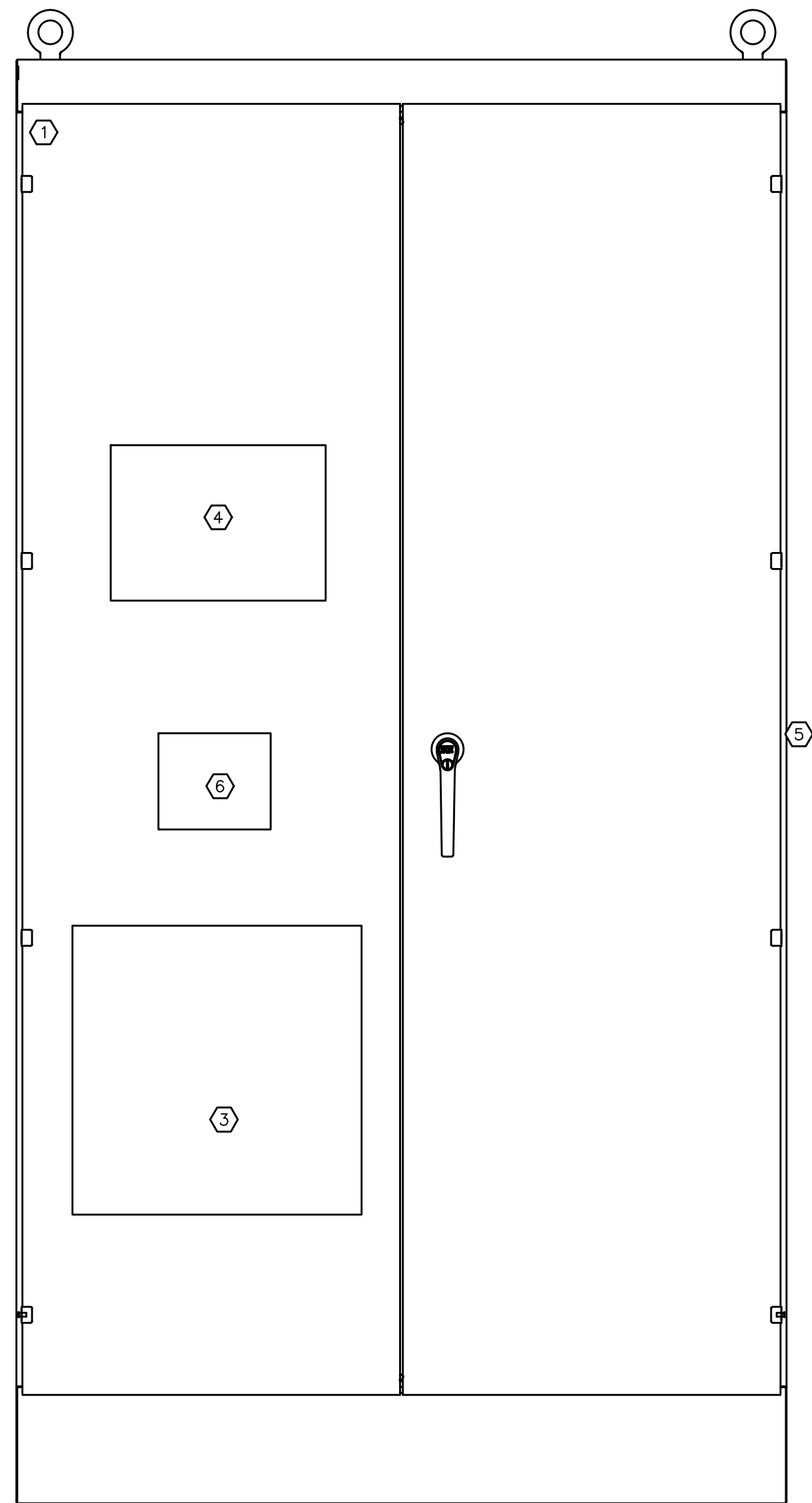
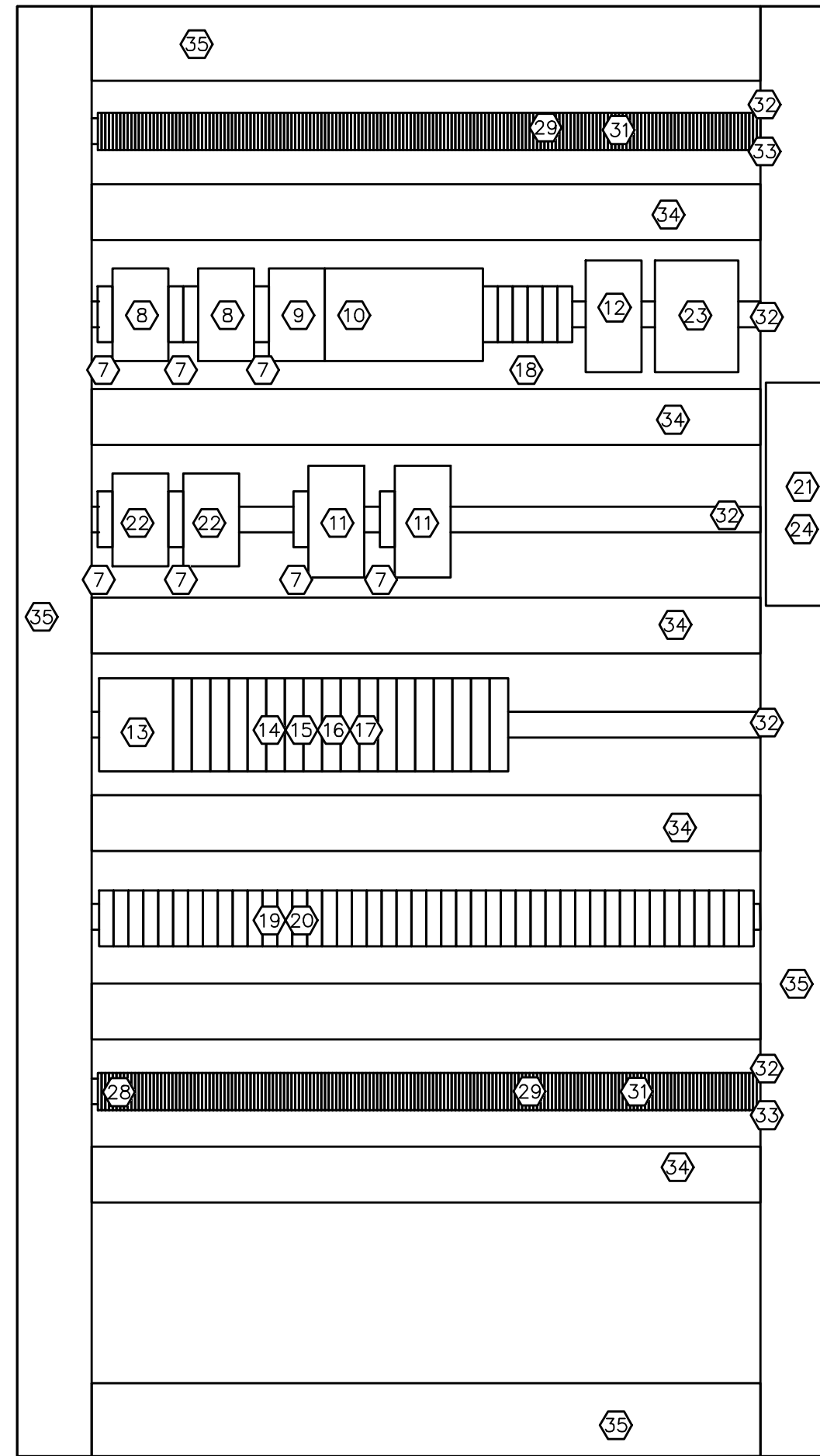


Z:\20\2020043 ROGERS SOLIDS HANDLING IMPROVEMENTS, PH. 2\DRAWINGS\CONSTRUCTION DRAWINGS\WIP\IA-15.DWG, 8/26/2024 11:24 AM, MATT WEIR, LAYOUT



CONTROL PANEL PLC-20  
ENCLOSURE FRONT VIEW

DETAIL **A**  
1 1/2" = 1'-0"



CONTROL PANEL PLC-20  
SUBPANEL FRONT VIEW

DETAIL **B**  
1 1/2" = 1'-0"

KEY	QTY	ITEM	CAT. #	MANUFACTURER	EQUAL
1	1	ENCLOSURE 90"x48"x20" FREE STANDING	SCE904820FSD	SAGINAW	YES
2	1	SUBPANEL 78"x44"	SCE-90P48F1	SAGINAW	YES
3	1	ENCLOSURE FOLDING SHELF	SCE-FS1818-09	SAGINAW	YES
4	1	TOUCHSCREEN HMI 12" WIDESCREEN	2713P-T12WD1	ALLEN-BRADLEY	NO
5	1	RIGHT SIDE MOUNT PANEL 78"x14"	SCE-90SMP14	SAGINAW	YES
6	1	INTERFACE PORT/POWER	P-R2-M9-RAC	GRACEPORT	NO
7	8	CB 10A 1P D CURVE	FAZ-D10-1-SP	AUTOMATION DIRECT	YES
8	2	DC POWER SUPPLY 24V 10A	SDN10-24-100C	SOLA HEVI-DUTY	YES
9	1	DC UPS POWER MODULE	SDU 10-24	SOLA HEVI-DUTY	YES
10	1	DC UPS BATTERY MODULE	SDU 24-BAT	SOLA HEVI-DUTY	YES
11	2	POE ETHERNET SWITCH	105TX-POE	RED LION	NO
12	1	MANAGED ETHERNET BRJ45	708TX	RED LION	NO
13	1	COMPACTLOGIX 5380 31 I/O 60 EIP	5069-L330ER	ALLEN-BRADLEY	NO
14	2	8 CHANNEL ANALOG INPUT MODULE	5069-IF8	ALLEN-BRADLEY	NO
15	2	8 CHANNEL ANALOG OUTPUT MODULE	5069-OF8	ALLEN-BRADLEY	NO
16	6	16 POINT DISCRETE INPUT MODULE	5069-IB16	ALLEN-BRADLEY	NO
17	3	16 POINT RELAY OUTPUT MODULE	5069-OW16	ALLEN-BRADLEY	NO
18	6	CB 2A 1P B CURVE	FAZ-B2-1-SP	AUTOMATION DIRECT	YES
19	48	CONTROL RELAY 1PDT 24VDC	781-1C-24D	AUTOMATION DIRECT	YES
20	48	RELAY BASE	781-1C-SKT-1	AUTOMATION DIRECT	YES
21	1	FIBER PATCH PANEL, 4 PLATE	SCORP4-1	RLH INDUSTRIES	YES
22	2	DC POWER SUPPLY 48V FOR POE	SDN5-48-100P	SOLA HEVI-DUTY	YES
23	1	ENET SWITCH 8 COPPER 6 FIBER	114FX6-ST	RED LION	YES
24	4	6 ST FIBER ADAPTER PLATE	AP-ST6-LSMM-G	RLH INDUSTRIES	YES
25					
26					
27					
28	32	4-20 mA SURGE SUPPRESSOR	DLA-24D3	CITEL	NO
29	200	TERMINAL BLOCK	DN-T12A	AUTOMATION DIRECT	YES
30	12	TERMINAL BLOCK END COVER	DN-EB35	AUTOMATION DIRECT	YES
31	10	GROUND TERMINAL BLOCK	KN-G12SP-10	AUTOMATION DIRECT	NO
32	40'	35MM DIN RAIL SLOTTED STEEL	DN-R35S1	AUTOMATION DIRECT	YES
33	10	ANGLED DIN RAIL SUPPORT BRACKET	DN-ASB1	AUTOMATION DIRECT	YES
34	24'	3"x4" WHITE DUCT AND COVER	T1-3040W-1	AUTOMATION DIRECT	YES
35	18'	4"x4" WHITE DUCT AND COVER	T1-4040W-1	AUTOMATION DIRECT	YES

THE CONTRACTOR SHALL PROVIDE ALL OTHER REQUIRED MISCELLANEOUS PARTS, INCLUDING  
MTW AND SHIELDED CABLE, WIRE LABELS, TERMINAL LABELS, TERMINAL JUMPERS, PATCH CABLES

CONTROL PANEL PLC-20  
BILL OF MATERIAL

DETAIL **C**  
N.T.S.

ONE INCH  
AT FULL SIZE  
IF NOT ONE INCH  
SCALE ACCORDINGLY

DATE	REVISION



**HW** HAWKINS WEIR ENGINEERS, INC.  
**RV** BLACK & VEATCH

ROGERS, ARKANSAS  
ROGERS POLLUTION CONTROL FACILITY (PCF)  
SOLIDS HANDLING IMPROVEMENTS, PHASE II  
CONTROL PANEL PLC-20  
ELEVATION, LAYOUT, AND BILL OF MATERIAL  
FOR: ROGERS WATER UTILITIES

DATE: AUGUST 2024  
SCALE: NTS  
DESIGNED BY: LSM  
DRAWN BY: LSM  
HWEI NO.: 2020043  
FILENAME: IA-15

SHEET NO.  
IA-15