

- KEY NOTES:**
1. CONDUITS TO EXISTING RW-MCC-C SECTION 1.
  2. SPARE CONDUITS TO EXISTING RW-MCC-C SECTION 2.
  3. DEMOLISH THE TRANSFORMER EXISTING PRIMARY CONDUCTORS. DEMOLISH ENOUGH OF THE PRIMARY CONDUIT TO ALLOW FOR A CONNECTION TO ONE OF THE SPARE CONDUITS THAT ENTER SECTION 2 OF EXISTING MCC (SECTION 1 OF THE NEW MCC).
  4. PROVIDE CONDUIT REDUCERS AND OTHER FITTINGS AS NEEDED TO RECONNECT THE TRANSFORMER PRIMARY TO THE SPARE CONDUIT.

- KEY NOTES:**
1. DEMOLISH THE TRANSFORMER EXISTING PRIMARY CONDUCTORS. DEMOLISH ENOUGH OF THE PRIMARY CONDUIT TO ALLOW FOR A CONNECTION TO ONE OF THE SPARE CONDUITS THAT ENTER SECTION 2 OF EXISTING MCC (SECTION 1 OF THE NEW MCC).
  2. PROVIDE CONDUIT REDUCERS AND OTHER FITTINGS AS NEEDED TO RECONNECT THE TRANSFORMER PRIMARY TO THE SPARE CONDUIT.



RAS/WAS BUILDING #2

**1 PHOTO**

SCALE: NO SCALE



RAS/WAS BUILDING #2

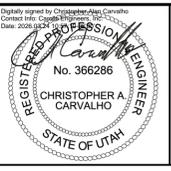
**2 PHOTO**

SCALE: NO SCALE

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DESIGNED CAC	<small>Digitally signed by Christopher A. Carvalho          Contact Info: CAC@carollo.com          Date: 2026.03.02 10:00:00 -0500          No. 366286          CHRISTOPHER A. CARVALHO          STATE OF UTAH</small>
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DATE MARCH 2026	

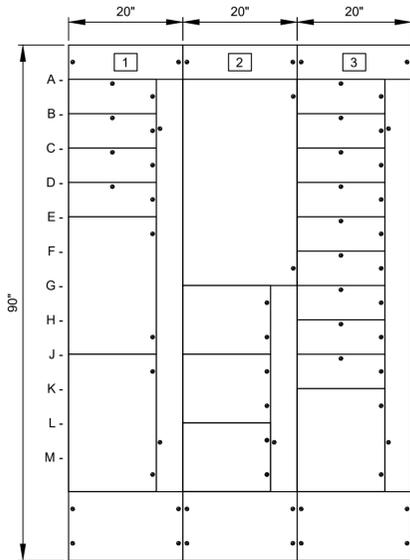


**SV South Valley**  
 WATER RECLAMATION FACILITY  
 7495 South 1300 West  
 West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**RAS/WAS BUILDING #2 DEMOLITION DETAILS**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633  
 DRAWING NO.  
**D-17E-02**  
 SHEET NO.  
70 OF 152



CHEMICAL BUILDING

**CB-MCC ELEVATION**

- |                                   |                               |                              |
|-----------------------------------|-------------------------------|------------------------------|
| 1A- ATS UTILITY BREAKER           | 2A- AUTOMATIC TRANSFER SWITCH | 3A- ROOF TOP AIR CONDITIONER |
| 1B- EMERGENCY BREAKER FROM GT-EDB | 2G- SPACE                     | 3B- 20A BREAKER SPARE        |
| 1C- 100A BREAKER SPARE            | 2J- SPACE                     | 3C- 20A BREAKER SPARE        |
| 1D- SPACE                         | 2L- SPACE                     | 3D- ROLL-UP DOORS RD 1,2     |
| 1E- 250A BREAKER SPARE            |                               | 3E- TR-LP LP                 |
| 1J- MAIN BREAKER FROM ES-1        |                               | 3F- 4EUH 1&2                 |
|                                   |                               | 3G- 4EUH 3&4                 |
|                                   |                               | 3H- 30A BREAKER SPARE        |
|                                   |                               | 3J- 30A BREAKER SPARE        |
|                                   |                               | 3K- TRANSFORMER TR-CB3 LPB3  |

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SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
**CB-MCC ELEVATION**

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

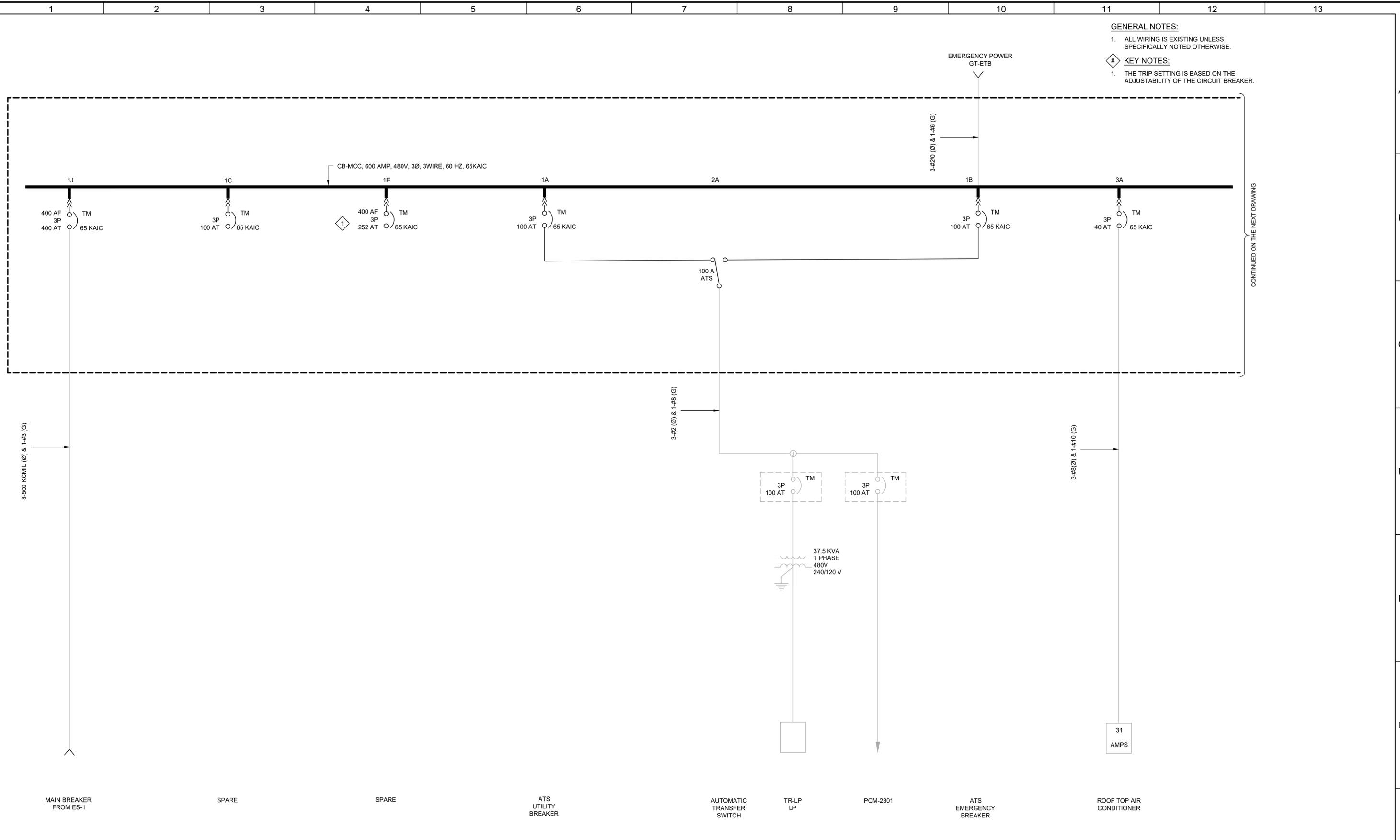
JOB NO.  
202633  
DRAWING NO.  
**GE-OL-CB-1**  
SHEET NO.  
71 OF 152

**GENERAL NOTES:**

1. ALL WIRING IS EXISTING UNLESS SPECIFICALLY NOTED OTHERWISE.

**KEY NOTES:**

1. THE TRIP SETTING IS BASED ON THE ADJUSTABILITY OF THE CIRCUIT BREAKER.



CONTINUED ON THE NEXT DRAWING

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2			
3			

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DRAWN TLM	
CHECKED JGB	
DATE MARCH 2026	

PROJECT NO.	FILE NAME: General Sheet.dwg
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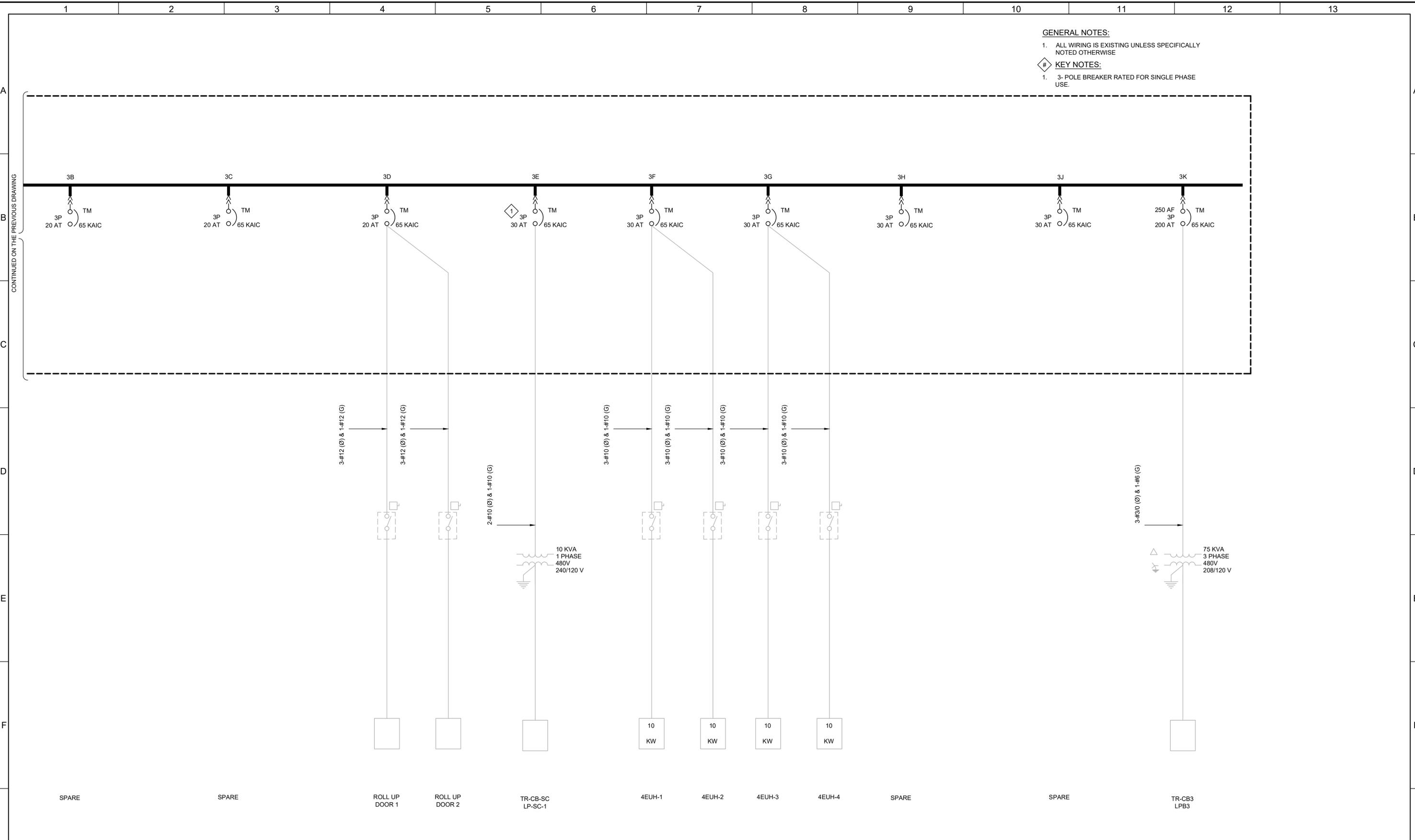


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**SOUTH VALLEY WATER RECLAMATION**  
**MCC REPLACEMENT PROJECT**  
ELECTRICAL  
**CB-MCC**  
**ONE-LINE DIAGRAM 1**

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"	JOB NO. 202633
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING NO. <b>GE-OL-CB-2</b>
	SHEET NO. 72 OF 152

- GENERAL NOTES:**
- ALL WIRING IS EXISTING UNLESS SPECIFICALLY NOTED OTHERWISE
- KEY NOTES:**
- 3- POLE BREAKER RATED FOR SINGLE PHASE USE.



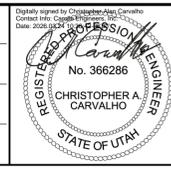
REV	DATE	BY	DESCRIPTION
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DATE  
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SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT

ELECTRICAL  
CB-MCC  
ONE-LINE DIAGRAM 2

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

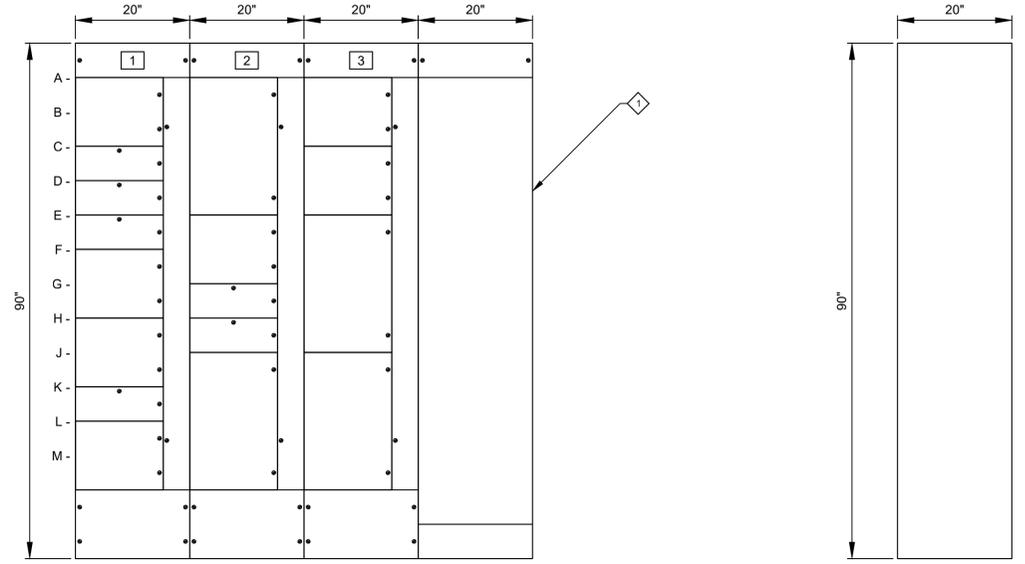
JOB NO.  
202633

DRAWING NO.  
GE-OL-CB-3

SHEET NO.  
73 OF 152

LAST SAVED BY: tncrabito

**KEY NOTES:**  
 1. THE AUTOMATIC TRANSFER SWITCH IS BEING FURNISHED IN A SEPARATE ENCLOSURE THAT IS NOT PART OF THE MCC.



UTILITY WATER PUMP STATION  
**CC-MCC-A ELEVATION**

**SIDE VIEW**

- 1A- ETHERNET SWITCH    2A- UTILITY WATER PUMP UWP-3311    3A- SAMPLE PUMP P-6
- 1C- UTILITY WATER PUMP UWP-3313    2E- EXHAUST FAN F-2    3C- SIZE 1 STARTER SPARE
- 1D- ROOF TOP CONDENSER    2G- 150A BREAKER SPARE    3E- 250A BREAKER SPARE
- 1E- LTG TRANSFORMER TR-CC-LC & PANEL LC    2H- SPACE    3J- EMERGENCY POWER FEED
- 1F- A/C FAN UNIT    2J- MAIN BREAKER FROM ES-1
- 1H- ETHERNET SWITCH POWER SUPPLY
- 1K- SPACE
- 1L- RECIRCULATION PUMP M-RP

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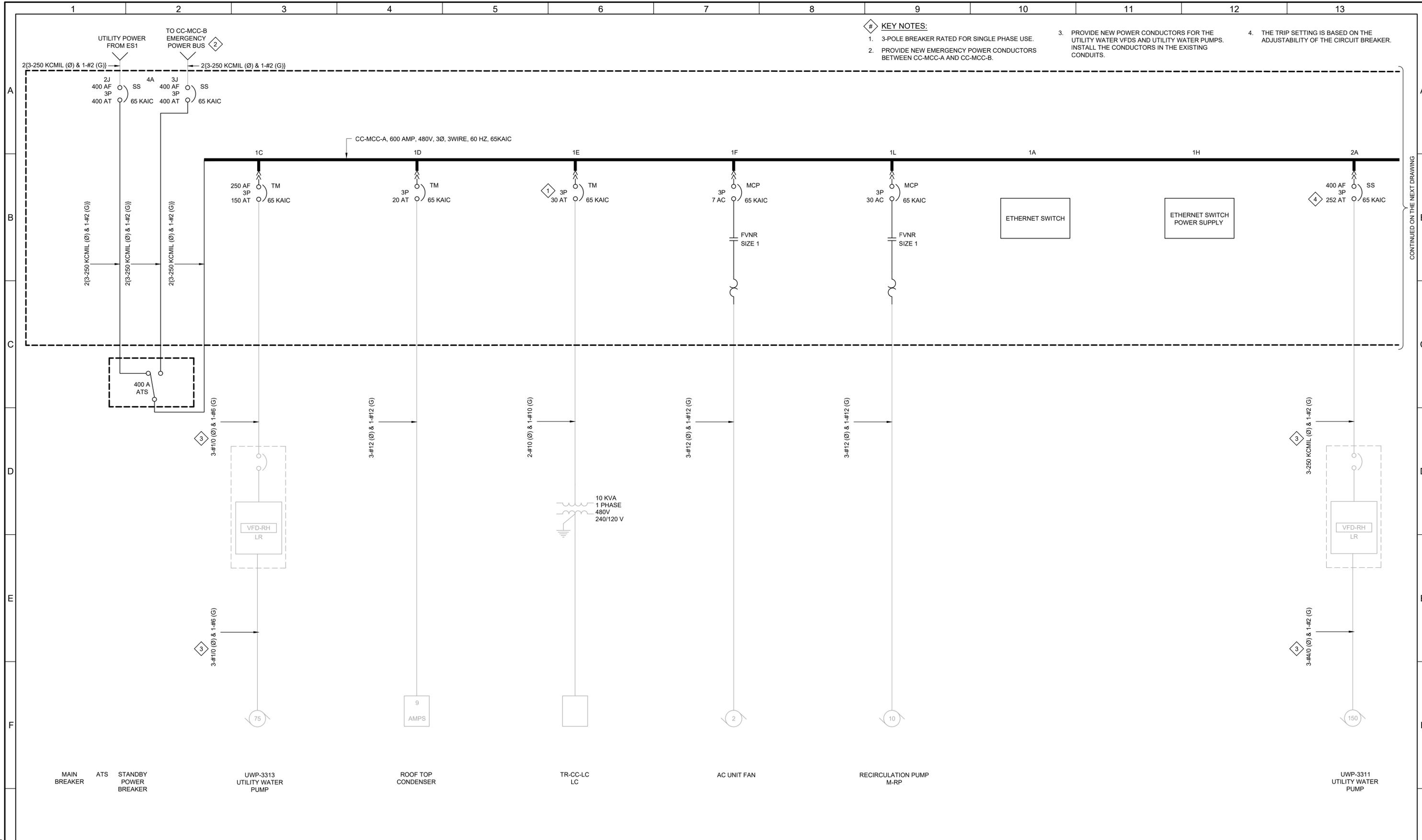
SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**CC-MCC-A ELEVATION**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1" 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
**GE-OL-CC-1**

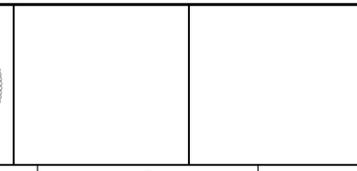
SHEET NO.  
74 OF 152



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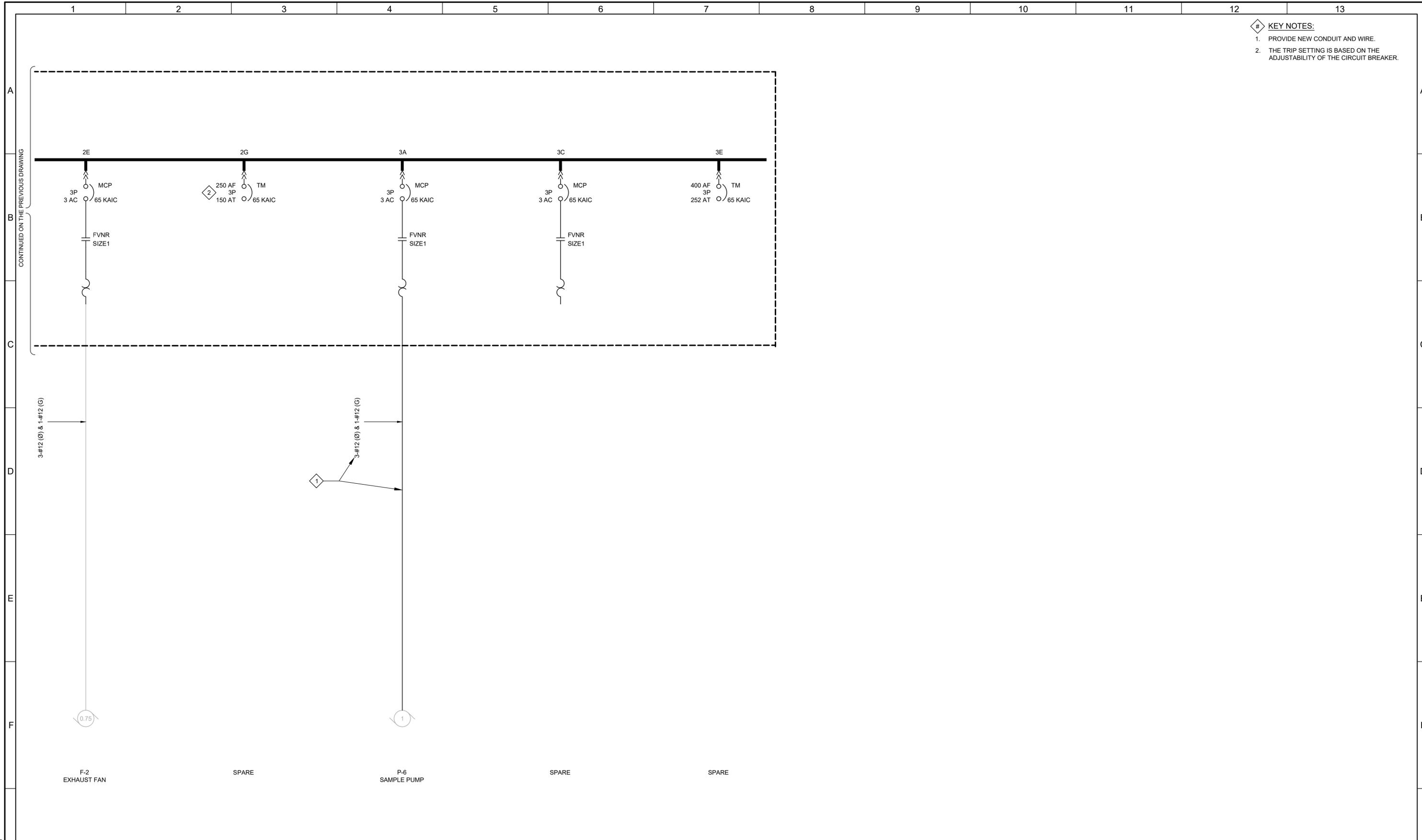
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DATE MARCH 2026	



**SOUTH VALLEY WATER RECLAMATION**  
**MCC REPLACEMENT PROJECT**  
 ELECTRICAL  
**CC-MCC-A**  
**ONE-LINE DIAGRAM 1**

VERIFY SCALES	JOB NO. 202633
BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. <b>GE-OL-CC-2</b>
0 1"	SHEET NO. 75 OF 122
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	

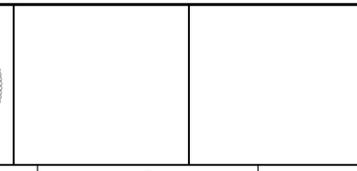
- # KEY NOTES:
1. PROVIDE NEW CONDUIT AND WIRE.
  2. THE TRIP SETTING IS BASED ON THE ADJUSTABILITY OF THE CIRCUIT BREAKER.



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DRAWN TLM
CHECKED JGB
DATE MARCH 2026

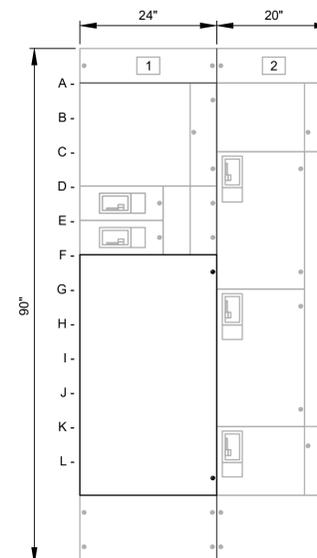


SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
CC-MCC-A  
ONE-LINE DIAGRAM 2

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"	JOB NO. 202633
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING NO. GE-OL-CC-3
	SHEET NO. 76 OF 122

GENERAL NOTES:

1. GE EVOLUTION SERIES 900 MCC.



**CC-MCC-B ELEVATION**

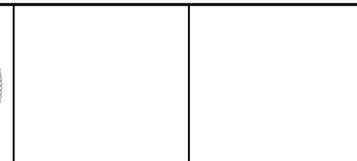
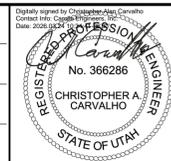
UTILITY WATER PUMP STATION

- |                                       |  |
|---------------------------------------|--|
| 1A- SPACE                             | 2A- SPACE                              |
| 1D- UWP-3314<br>UTILITY WATER<br>PUMP | 2C- UTILITY POWER<br>MAIN BREAKER      |
| 1E- UWP-3312<br>UTILITY WATER<br>PUMP | 2G- EMERGENCY<br>POWER MAIN<br>BREAKER |
| 1F- AUTOMATIC<br>TRANSFER<br>SWITCH   | 2J- EMERGENCY<br>POWER BUS             |

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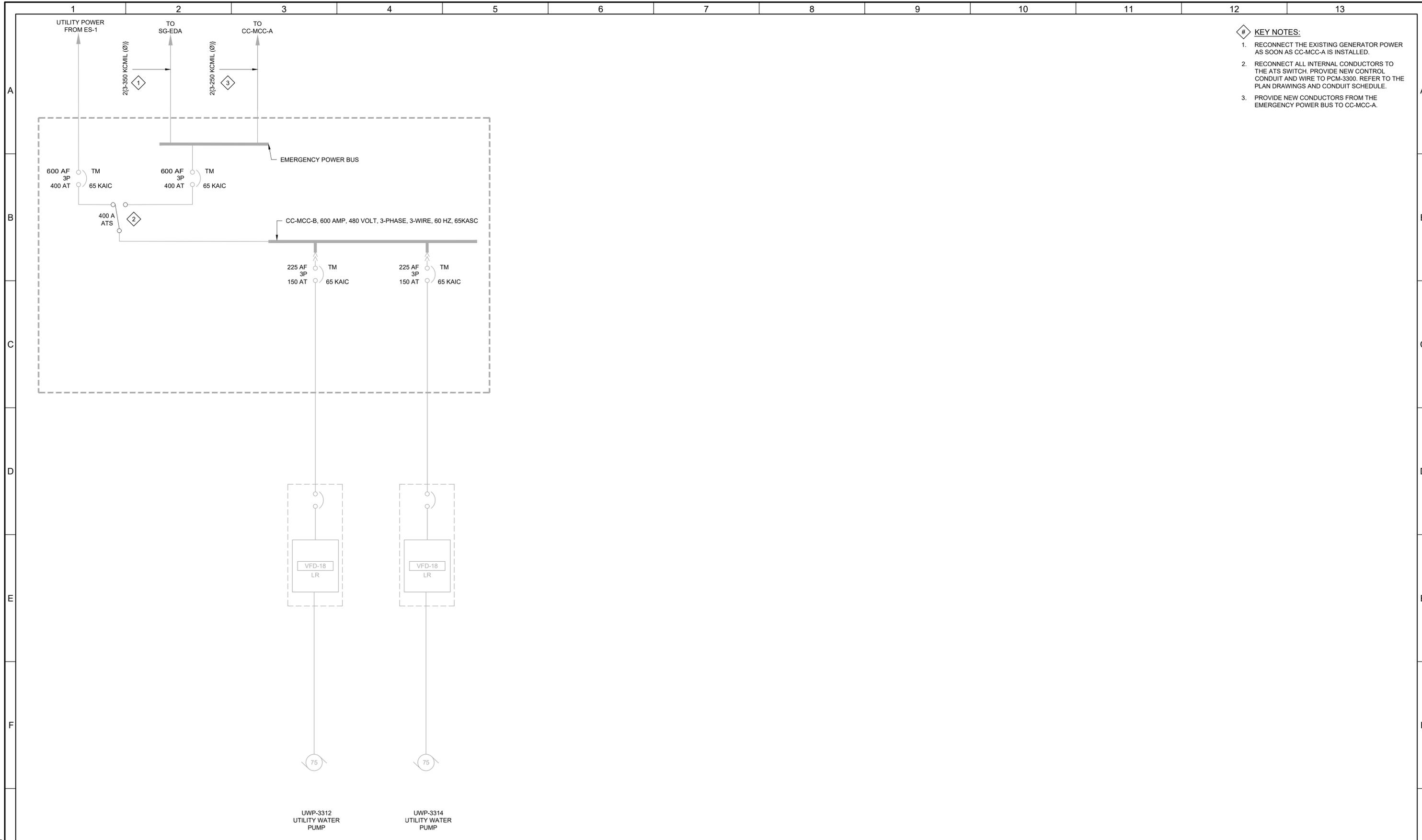
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CAC  
DRAWN  
CJC  
CHECKED  
  
DATE  
MARCH 2026



**SOUTH VALLEY WATER RECLAMATION**  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
**CC-MCC-B REVISED ELEVATION**

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633  
DRAWING NO.  
**GE-OL-CC-4**  
SHEET NO.  
77 OF 152

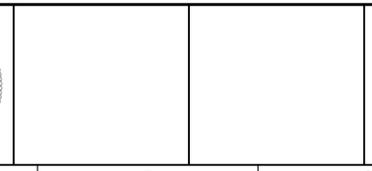


- # KEY NOTES:
1. RECONNECT THE EXISTING GENERATOR POWER AS SOON AS CC-MCC-A IS INSTALLED.
  2. RECONNECT ALL INTERNAL CONDUCTORS TO THE ATS SWITCH. PROVIDE NEW CONTROL CONDUIT AND WIRE TO PCM-3300. REFER TO THE PLAN DRAWINGS AND CONDUIT SCHEDULE.
  3. PROVIDE NEW CONDUCTORS FROM THE EMERGENCY POWER BUS TO CC-MCC-A.

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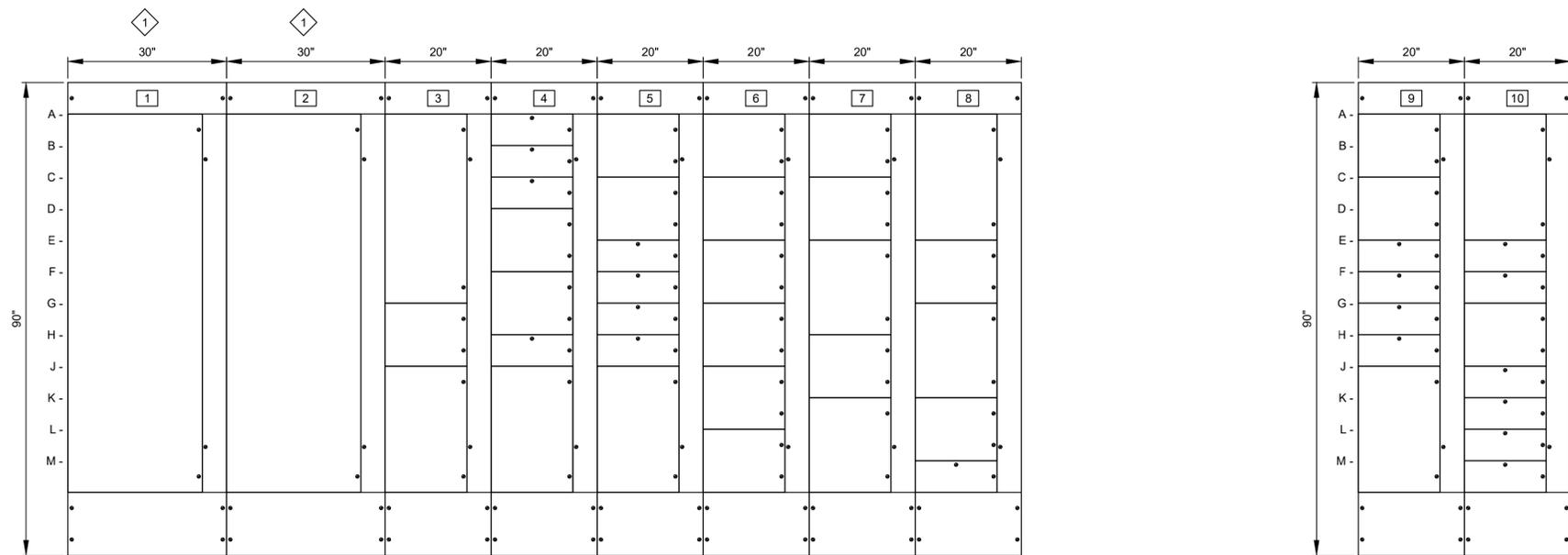
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CAC  
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DATE  
MARCH 2026



SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
CC-MCC-B  
REVISED ONE-LINE DIAGRAM

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"	JOB NO. 202633
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING NO. GE-OL-CC-5
	SHEET NO. 78 OF 152

# KEY NOTES:  
1. 30" DEEP SECTION.

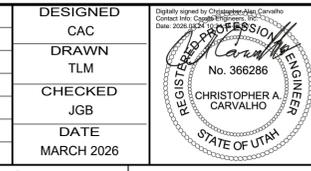


HEADWORKS  
**HW-MCC-A ELEVATION**

1A- UTILITY BREAKER FROM ES-2	2A- GENERATOR BREAKER SG-EDB-2	3A- ATO CONTROLLER	4A- 30A BREAKER SPARE	5A- PMP-0161 BOILER PUMP	6A- SIZE 1 STARTER SPARE	7A- ETHERNET SWITCH	8A- HW-MCC-D	9A- ETHERNET SWITCH	10A- HW-P-7 INFLUENT PUMP
		3G- SPACE	4B- 20A BREAKER SPARE	5C- PMP-0171 BOILER PUMP	6C- SIZE 1 STARTER SPARE	7C- ETHERNET POWER SUPPLY	8E- SPACE	9C- ETHERNET POWER SUPPLY	10E- SPACE
		3J- 400A BREAKER SPARE	4C- LP-XFMR	5E- BL-0161 SOUTH BOILER	6E- SIZE 1 STARTER SPARE	7E- SPACE	8G- SPACE	9E- DUMP STATION	10F- SPACE
			4D- SPACE	5F- BL-0171 NORTH BOILER	6G- SIZE 1 STARTER SPARE	7H- SPACE	8K- SPACE	9F- AIR COMPRESSOR ACU-600	10G- SPACE
			4F- SPACE	5G- SPACE	6J- SPACE	7K- SPACE	8M- SPACE	9G- PRESSURE WASHER	10J- 30A SPARE BREAKER
			4H- SPACE	5H- SPACE	6L- SPACE			9H- TR-HW3 LWH-3	10K- SPACE
			4J- HW-P-6 INFLUENT PUMP	5J- HW-P-4 INFLUENT PUMP				9J- SPACE	10L- SPACE
									10M- SPACE

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DATE	MARCH 2026



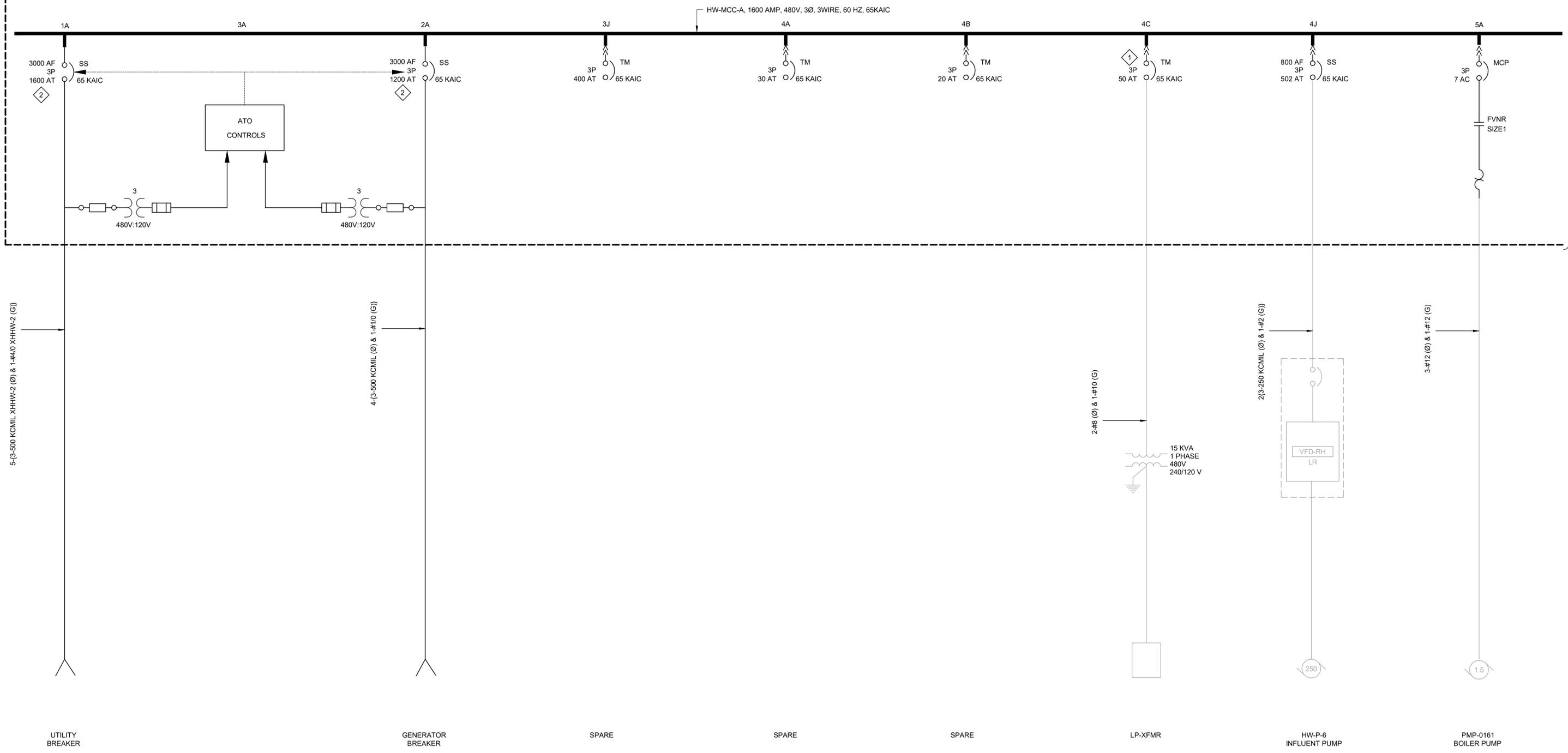
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West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION		VERIFY SCALES	JOB NO. 202633
MCC REPLACEMENT PROJECT		BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. <b>GE-OL-HW-1</b>
ELECTRICAL		0 1"	SHEET NO. 79 OF 152
<b>HW-MCC-A ELEVATION</b>		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	

Plot Date: 12/9/2025 10:08:13 AM

LAST SAVED BY: evandboom

- # KEY NOTES:
- 3-POLE BREAKER RATED FOR SINGLE PHASE USE.
  - INSULATED CASE CIRCUIT BREAKER.



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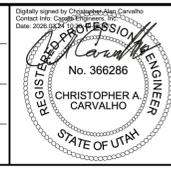
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DATE  
MARCH 2026



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SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
HW-MCC-A  
ONE-LINE DIAGRAM 1

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"

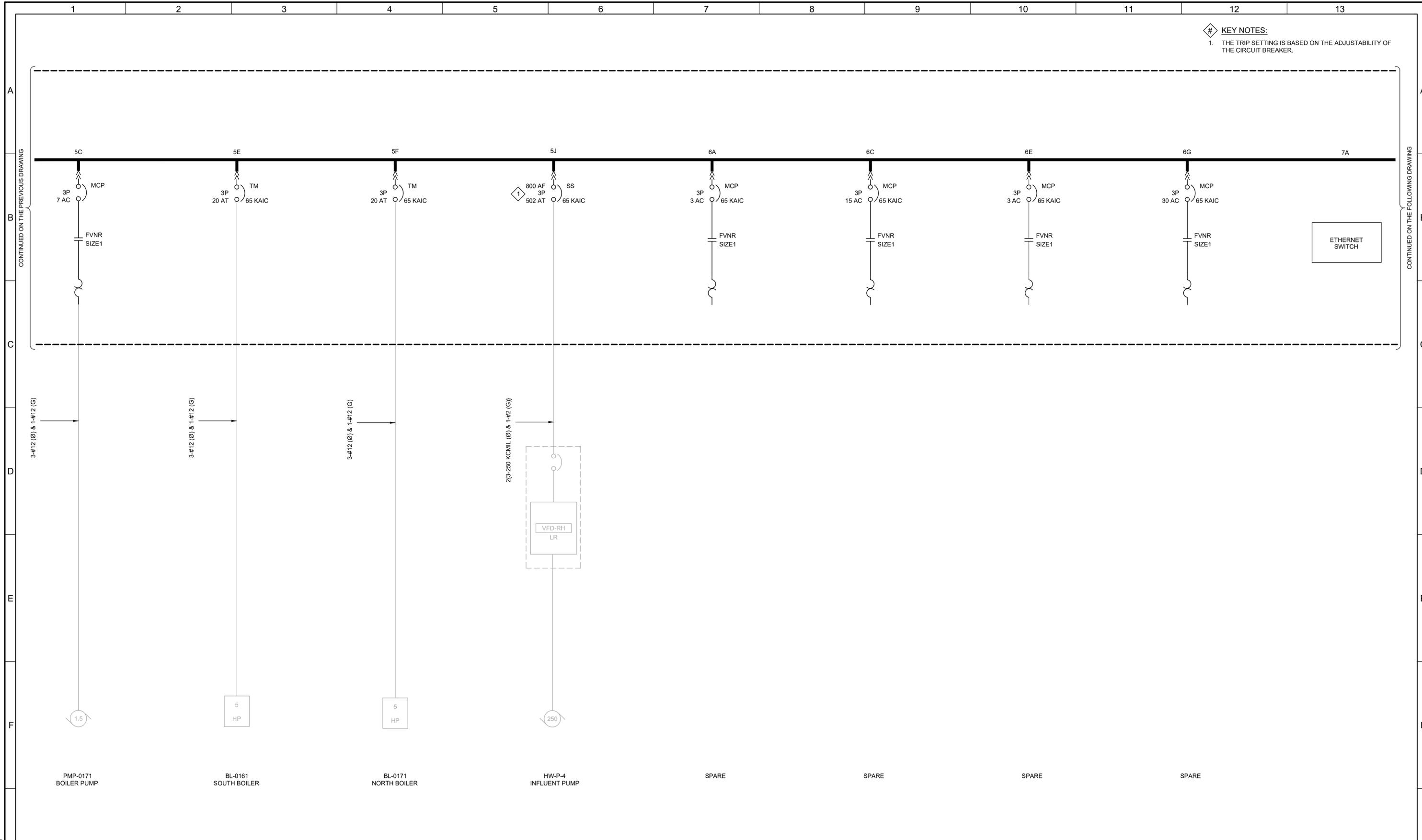
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
GE-OL-HW-2

SHEET NO.  
80 OF 152

# KEY NOTES:  
 1. THE TRIP SETTING IS BASED ON THE ADJUSTABILITY OF THE CIRCUIT BREAKER.



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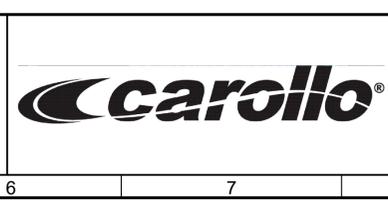
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TLM

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DATE  
MARCH 2026

Digitally signed by Christopher A. Carvalho  
 Contact Info: [Carvalho@carollo.com](mailto:Carvalho@carollo.com)  
 Date: 2026.03.04 10:00:00 -0700

**REGISTERED PROFESSIONAL ENGINEER**  
 No. 366286  
 CHRISTOPHER A. CARVALHO  
 STATE OF UTAH



**South Valley**  
 WATER RECLAMATION FACILITY

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 West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**HW-MCC-A**  
**ONE-LINE DIAGRAM 2**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

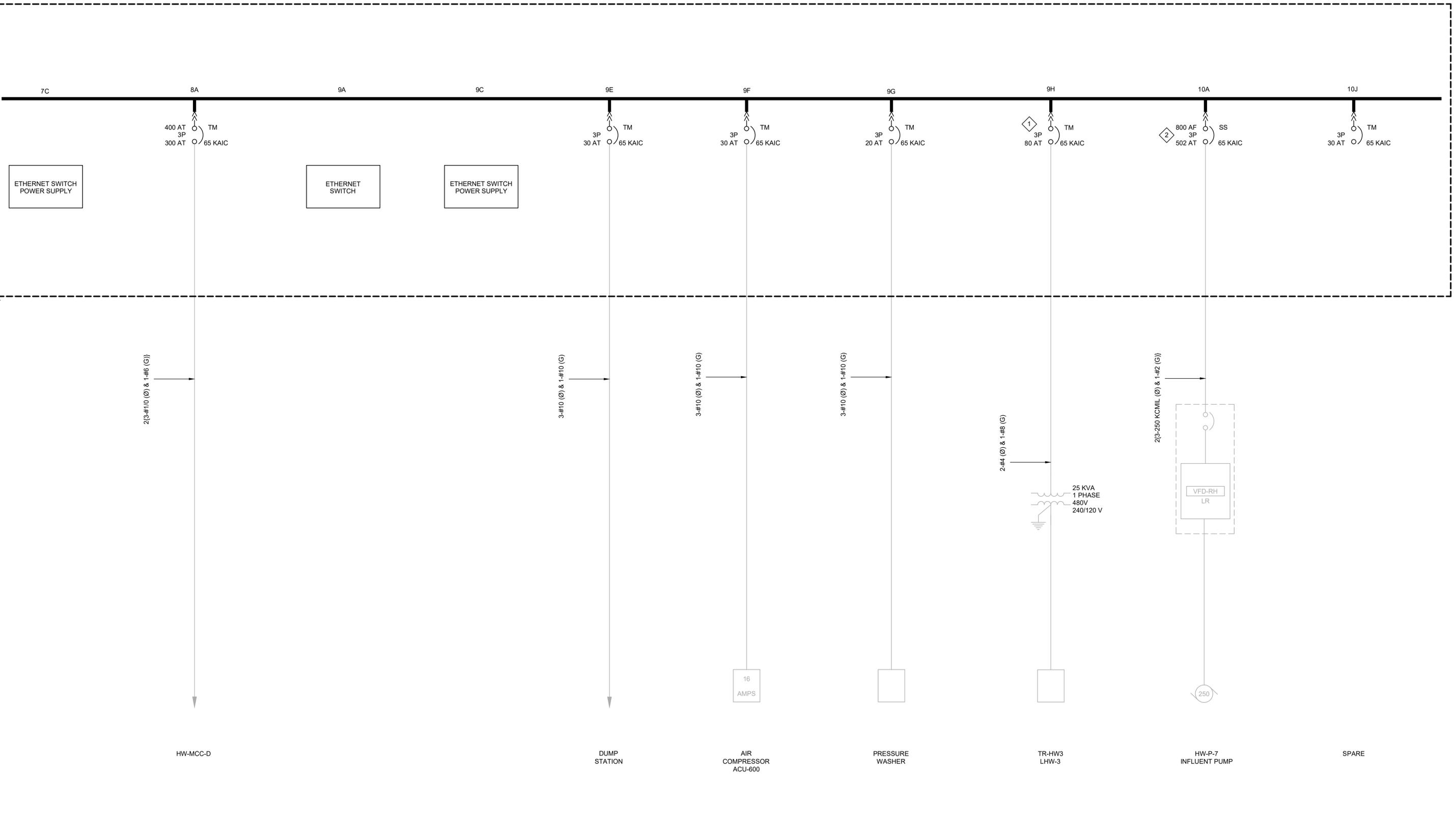
DRAWING NO.  
**GE-OL-HW-3**

SHEET NO.  
81 OF 152

1 2 3 4 5 6 7 8 9 10 11 12 13

- # KEY NOTES:
- 3-POLE BREAKER RATED FOR SINGLE PHASE USE.
  - THE TRIP SETTING IS BASED ON THE ADJUSTABILITY OF THE CIRCUIT BREAKER.

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CAC

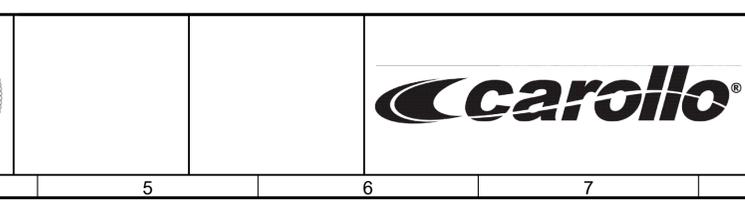
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Digitally signed by Christopher A. Carvalho  
Contact Info: CAC@carollo.com  
Date: 2026.03.04 10:05:04 -0700

**REGISTERED PROFESSIONAL ENGINEER**  
No. 366286  
CHRISTOPHER A. CARVALHO  
STATE OF UTAH



**South Valley**  
WATER RECLAMATION FACILITY

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West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
HW-MCC-A  
ONE-LINE DIAGRAM 3

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

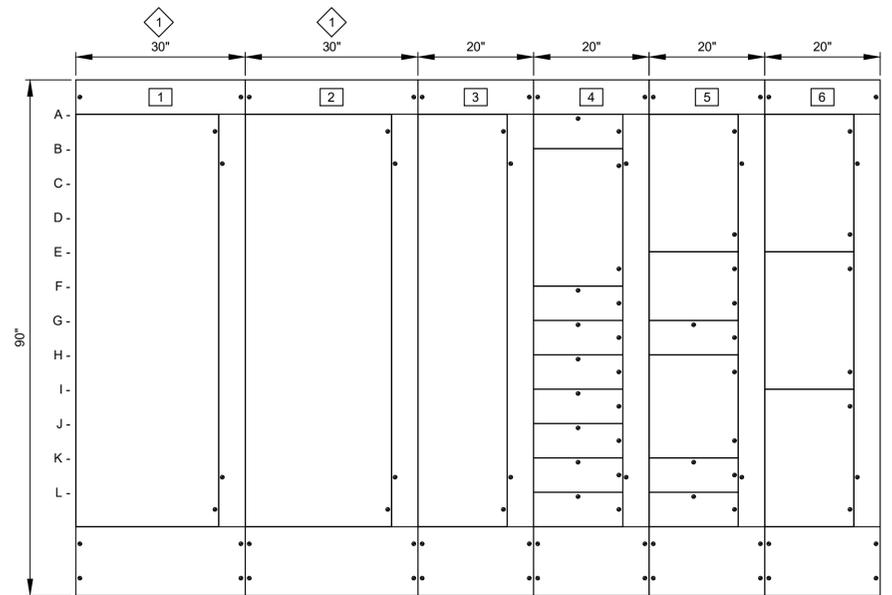
DRAWING NO.  
GE-OL-HW-4

SHEET NO.  
82 OF 122

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1 2 3 4 5 6 7 8 9 10 11 12 13

**KEY NOTES:**  
 1. 30-INCH DEEP SECTIONS ARE REQUIRED TO COVER THE BOTTOM ENTRY CONDUITS.



HEADWORKS  
**HW-MCC-B ELEVATION**

- |                            |                                      |                               |                              |                              |                                       |
|----------------------------|--------------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------------------|
| 1A- UTILITY BREAKER<br>ES2 | 2A- GENERATOR<br>BREAKER<br>SG-EDB-1 | 3A- ATO CONTROLLER            | 4A- HW-P-2<br>INFLUENT PUMP  | 5A- HW-MCC-C                 | 6A- HW-P-3<br>INFLUENT PUMP           |
|                            |                                      | 3G- ROOF EVAP<br>COOLER       | 4E- SIZE 1 STARTER<br>SPARE  | 5H- SPACE                    | 6E- HW-P-9 & HW-P-10<br>SUMP PUMPS    |
|                            |                                      | 3H- ACU-601<br>AIR COMPRESSOR | 4G- PANEL SGP                | 5J- ETHERNET POWER<br>SUPPLY | 6F- 30A BREAKER<br>SPARE              |
|                            |                                      | 3J- 600A SPARE<br>BREAKER     | 4H- HW-ME-19<br>BRIDGE CRANE | 5L- ETHERNET SWITCH          | 6G- OVERHEAD DOOR<br>&<br>POLE LIGHTS |
|                            |                                      |                               | 4J- SIZE 1 STARTER<br>SPARE  |                              | 6H- TR-HW-2<br>LHW-2                  |
|                            |                                      |                               | 4L- SIZE 2 STARTER<br>SPARE  |                              | 6J- HW-P-5<br>INFLUENT PUMP           |

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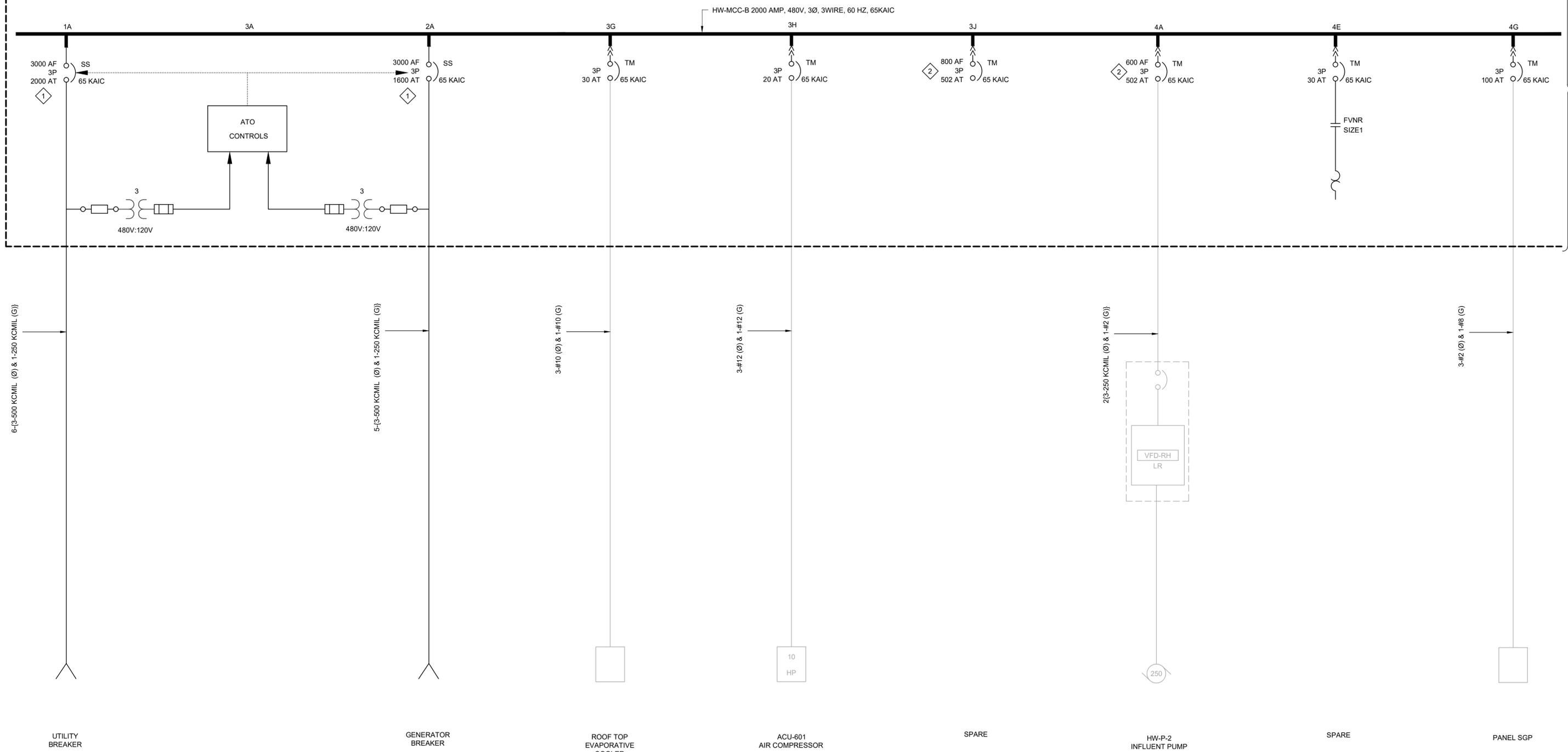
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 West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**HW-MCC-B  
 ELEVATION**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633  
 DRAWING NO.  
**GE-OL-HW-5**  
 SHEET NO.  
83 OF 122

- # KEY NOTES:
- INSULATED CASE CIRCUIT BREAKER.
  - THE TRIP SETTING IS BASED ON THE ADJUSTABILITY OF THE CIRCUIT BREAKER.

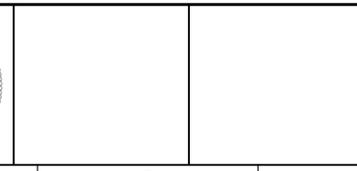


CONTINUED ON THE NEXT DRAWING

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DRAWN TLM	
CHECKED JGB	
DATE MARCH 2026	



SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
HW-MCC-B  
ONE-LINE DIAGRAM 1

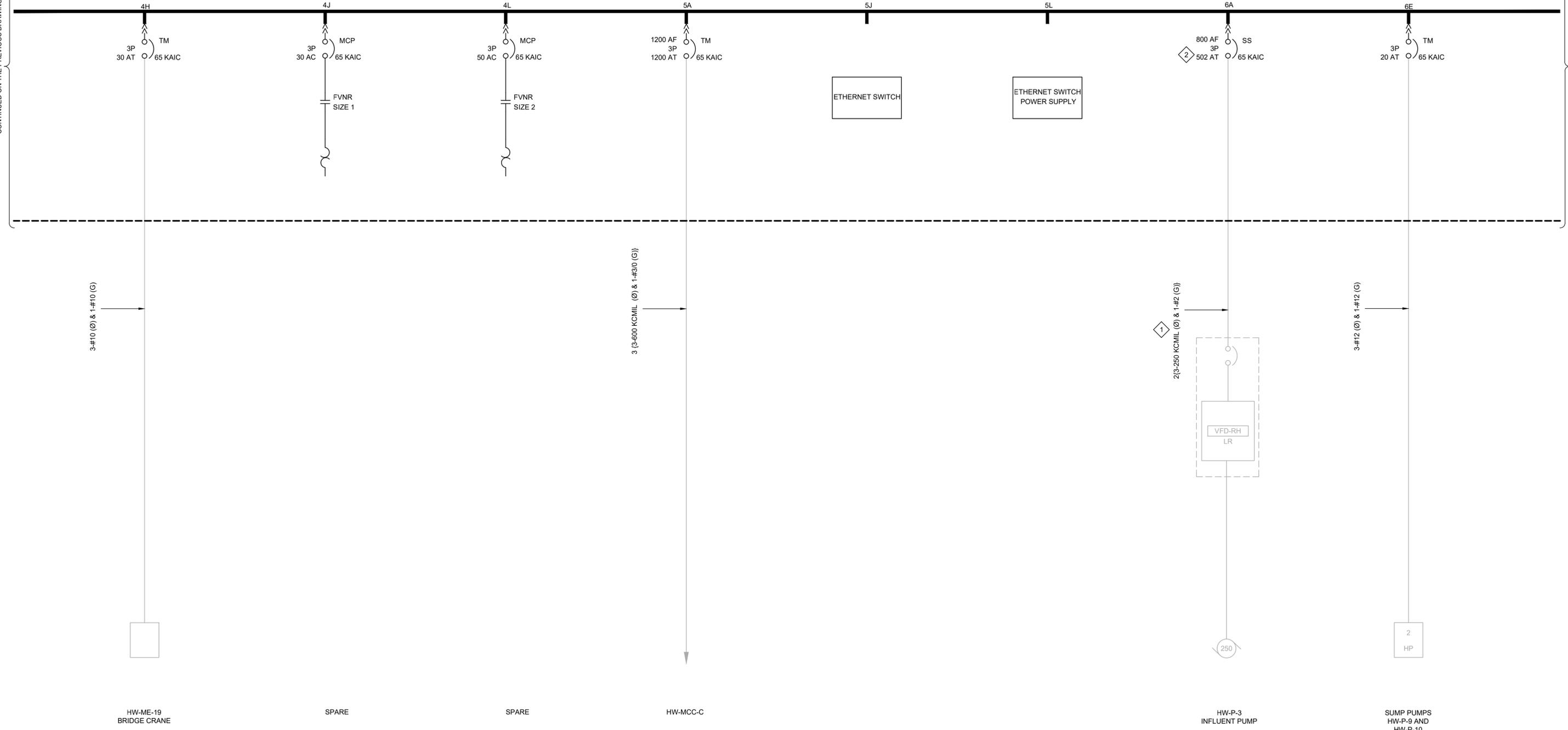
VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"	JOB NO. 202633
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING NO. GE-OL-HW-6
	SHEET NO. 84 OF 122

Plot Date: 12/9/2025 9:52:39 AM

CONTINUED ON THE PREVIOUS DRAWING

CONTINUED ON THE NEXT DRAWING

- # KEY NOTES:
- 3-POLE BREAKER RATED FOR SINGLE PHASE USE.
  - THE TRIP SETTING IS BASED ON THE ADJUSTABILITY OF THE CIRCUIT BREAKER.



LAST SAVED BY: Chertrea

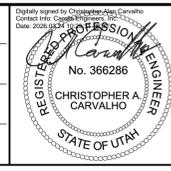
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JGB

DATE  
MARCH 2026



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SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
HW-MCC-B  
ONE-LINE DIAGRAM 2

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"

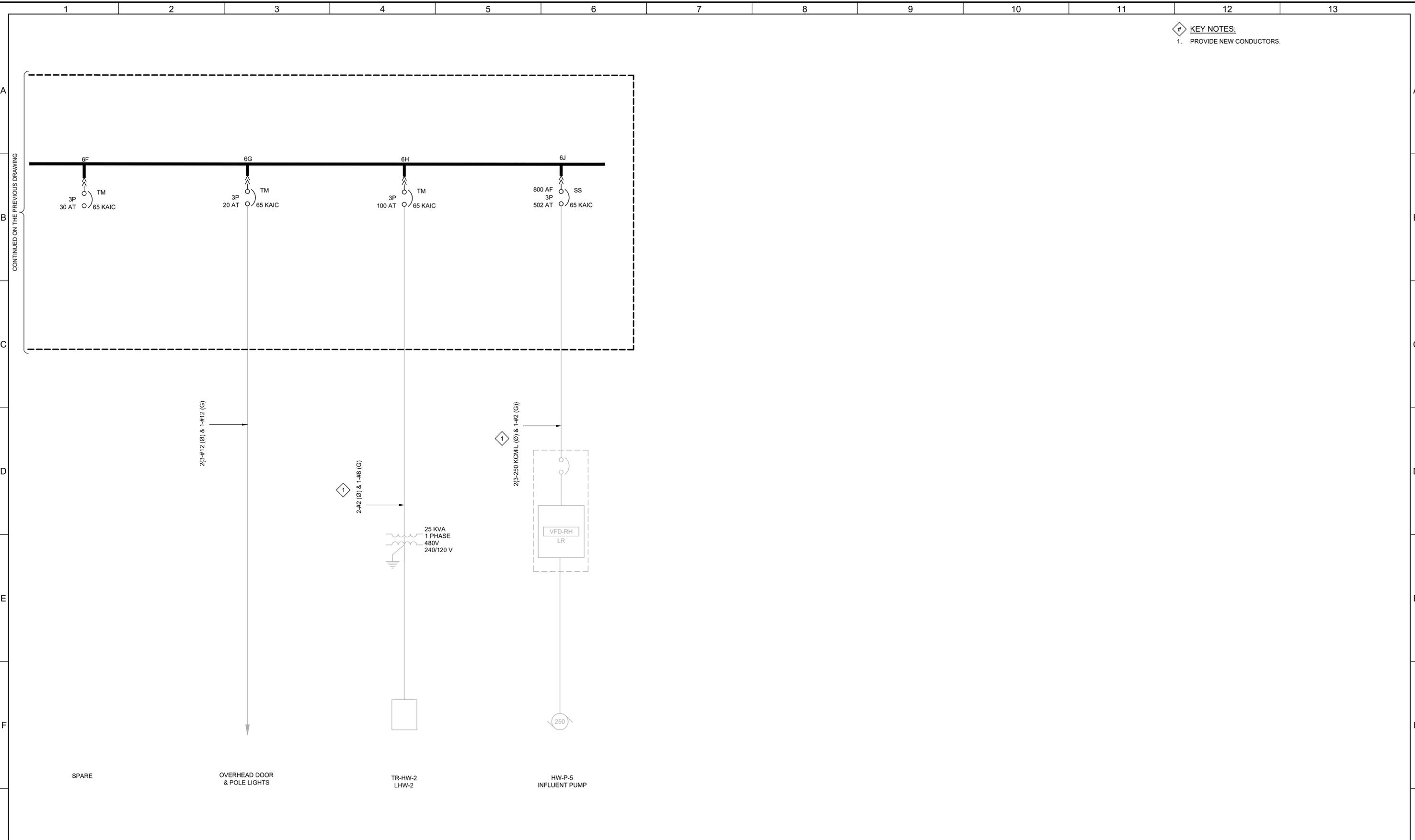
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
GE-OL-HW-7

SHEET NO.  
85 OF 152

# KEY NOTES:  
 1. PROVIDE NEW CONDUCTORS.



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CHECKED  
JGB

DATE  
MARCH 2026

Digitally signed by Christopher A. Carvalho  
 Contact info: CAC@carollo.com  
 Date: 2026.03.04 10:58:04 -0700

**REGISTERED PROFESSIONAL ENGINEER**  
 No. 366286  
 CHRISTOPHER A. CARVALHO  
 STATE OF UTAH



**SV South Valley**  
 WATER RECLAMATION FACILITY  
 7495 South 1300 West  
 West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**HW-MCC-B**  
**ONE-LINE DIAGRAM 3**

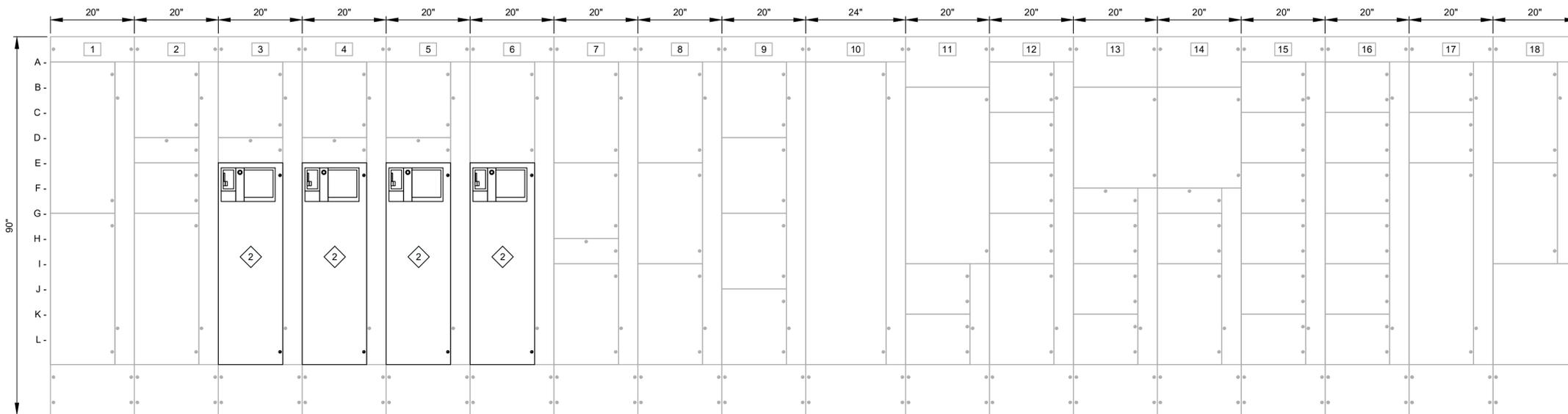
VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
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 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
**GE-OL-HW-8**

SHEET NO.  
86 OF 122

- # KEY NOTES:
- GRIT BLOWER CURRENT SENSOR.
  - INSTALL THE GRIT BLOWER CURRENT SENSORS IN THE NEW STARTERS.



**HW-MCC-C ELEVATION**  
BLOWER BUILDING 1

**A PHOTO**  
SCALE:  
FILE:

1A- SUF-0117 VFD	2A- SNU-312 (FUTURE)	3A- SNU-313	4A- SNU-314	5A- SNU-315	6A- SNC-321 (FUTURE)	7A- SNC-322	8A- SNW-331	9A- VAP-341	10A- TR-HW3 TRANCB	11A- PULL SECTION	12A- EXF-3402	13A- PULL SECTION	14A- PULL SECTION	15A- UH-3701	16A- UH-3707	17A- AUG-362	18A- HRP-0123
1G- SUF-0116 VFD	2D- TVSS	3D- SPACE	4D- SPACE	5D- SPACE	6E- FAF-3403	7E- SNC-350	8E- SNC-332	9D- VAP-342		11B- LHW3 LIGHTING PANELBOARD	12C- SUF-3405	13B- FAF-3403	14B- FAF-3404	15C- UH-3702	16C- UH-3708	17C- HP-0109	18E- HRP-0124
	2E- SPACE	3E- GRB-441	4E- GRB-443	5E- GRB-445		7H- SPACE	8I- SNW-332	9G- GRP-421		11I- GRC-431	12E- EXF-3406	13F- H-EC-1	14F- H-EC-2	15E- UH-3703	16E- UH-3709	17E- EXF-0126	
	2G- SUF-0118 VFD					7I- SNC-331		9J- GRP-422		11K- GRC-432	12G- SUF-3407	13G- SUF-3401	14G- SPACE	15G- UH-3704	16G- UH-3710		
											12I- SPARE	13I- SPARE	14I- SPARE	15I- UH-3705	16I- UH-3711		
												13K- SPARE		15K- UH-3706	16K- AUG-361		

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DRAWN	PLU		
CHECKED	JGB		
DATE	MARCH 2026		
REV	DATE	BY	DESCRIPTION

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Contact Info: CAC@carollo.com  
Date: 2026.03.04 10:58:00 -0500

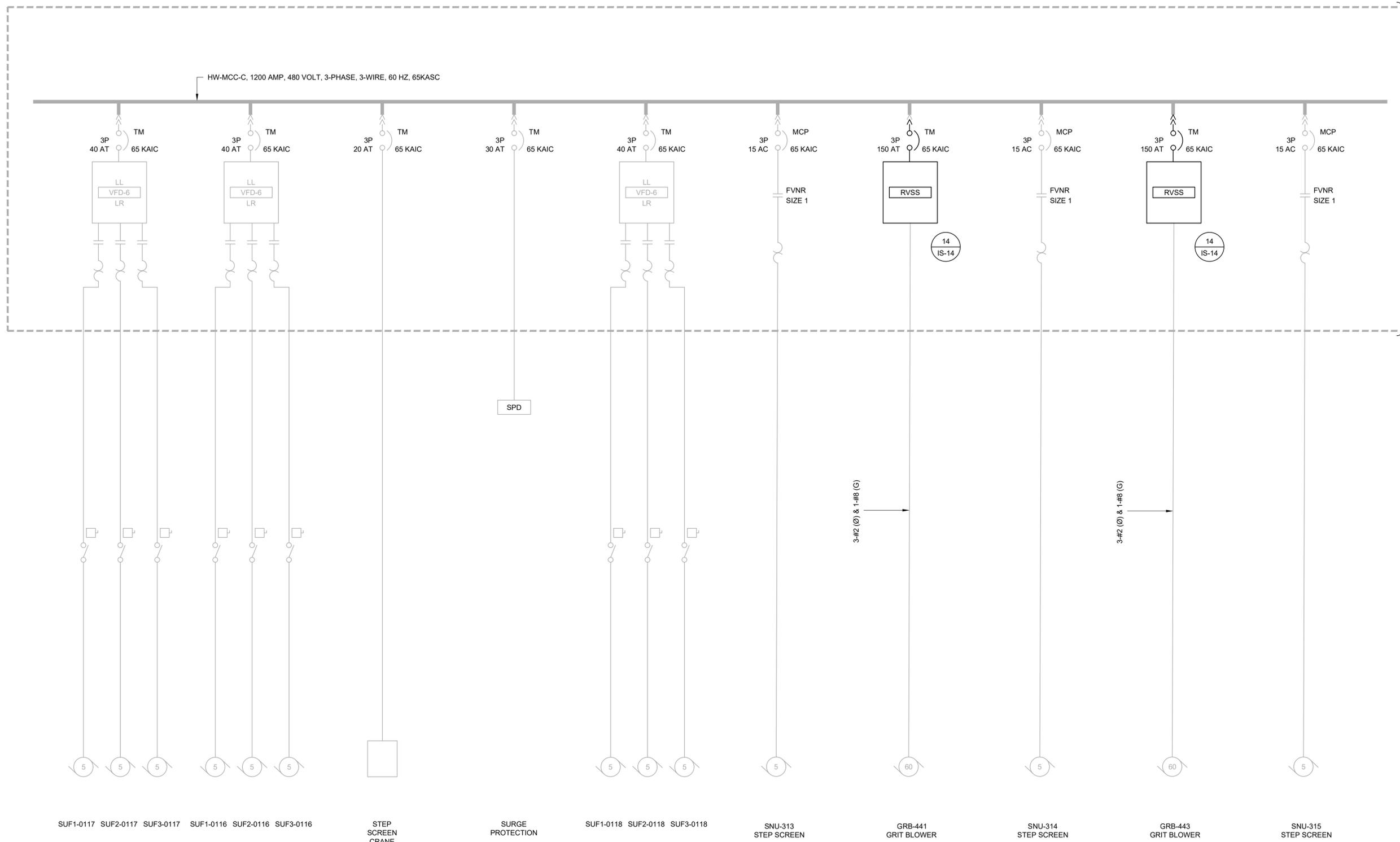
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SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
HW-MCC-C ELEVATION

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO. 202633  
DRAWING NO. GE-OL-HW-9  
SHEET NO. 87 OF 152

GENERAL NOTES:  
 1. CONNECT EXISTING WIRING TO THE NEW STARTERS.



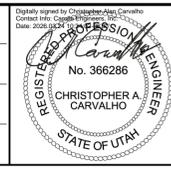
CONTINUED ON THE NEXT DRAWING

SUF1-0117 SUF2-0117 SUF3-0117    SUF1-0116 SUF2-0116 SUF3-0116    STEP SCREEN CRANE    SURGE PROTECTION    SUF1-0118 SUF2-0118 SUF3-0118    SNU-313 STEP SCREEN    GRB-441 GRIT BLOWER    SNU-314 STEP SCREEN    GRB-443 GRIT BLOWER    SNU-315 STEP SCREEN

LAST SAVED BY: evandoom

REV	DATE	BY	DESCRIPTION

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 DRAWN: EYV  
 CHECKED: JGB  
 DATE: MARCH 2026



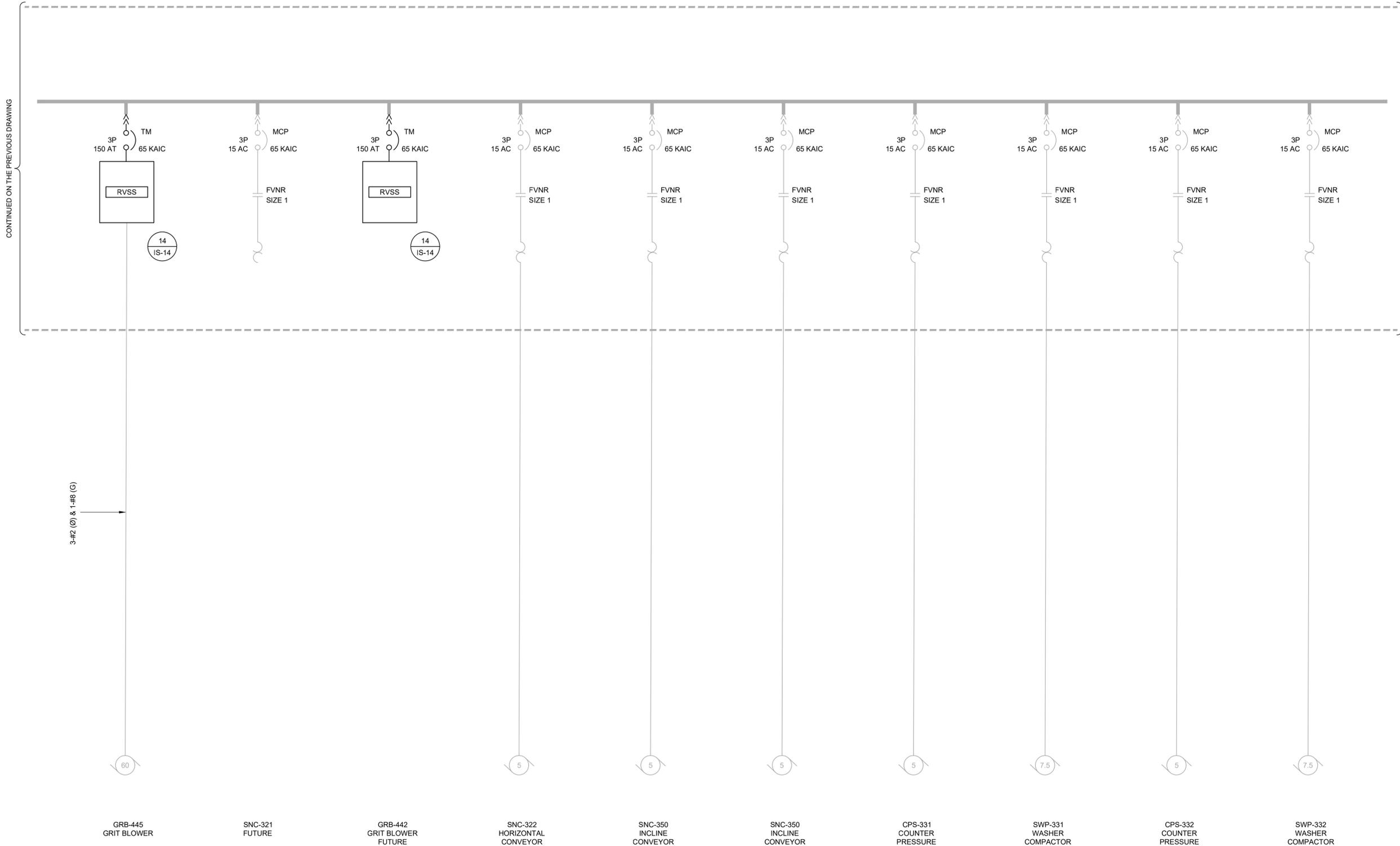
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SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**HW-MCC-C**  
**ONE-LINE DIAGRAM 1**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO. 202633  
 DRAWING NO. **GE-OL-HW-10**  
 SHEET NO. 88 OF 152

GENERAL NOTES:  
 1. CONNECT EXISTING WIRING TO THE NEW STARTERS.



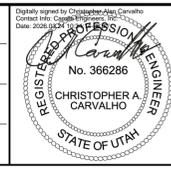
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EYV

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JGB

DATE  
MARCH 2026

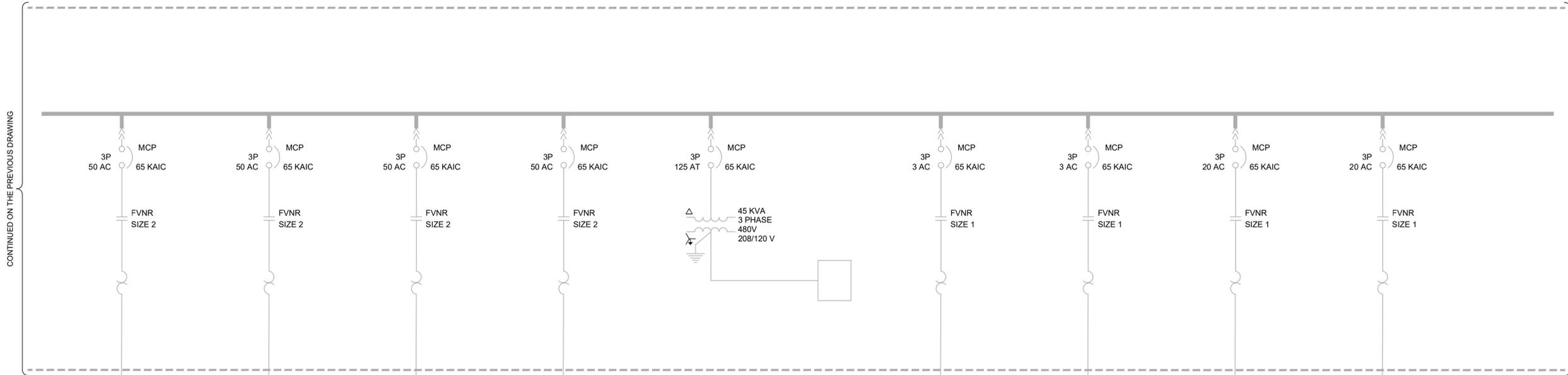


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SOUTH VALLEY WATER RECLAMATION MCC REPLACEMENT PROJECT ELECTRICAL <b>HW-MCC-C</b> <b>ONE-LINE DIAGRAM 2</b>		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0  1"	JOB NO. 202633
		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING NO. <b>GE-OL-HW-11</b> SHEET NO. 89 OF 152

LAST SAVED BY: evandoom

GENERAL NOTES:  
 1. NO WORK ON THIS DRAWING. IT IS INCLUDED FOR REFERENCE ONLY.



20

20

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25

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7.5

VAP-341  
VACUUM  
PUMP

VAP-342  
VACUUM  
PUMP

GRP-421  
GRIT  
PUMP

GRP-422  
GRIT  
PUMP

TR-HW3

PANEL LHW3

GRC-431  
GRIT  
CLASSIFIER

GRC-432  
GRIT  
CLASSIFIER

EXF-3402

SUF-3405  
HVAC FAN

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MARCH 2026

Digitally signed by Christopher A. Carvalho  
 Contact info: CAC@carollo.com  
 Date: 2026.03.04 10:05:00 -0500

**REGISTERED PROFESSIONAL ENGINEER**  
 No. 366286  
 CHRISTOPHER A. CARVALHO  
 STATE OF UTAH



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SOUTH VALLEY WATER RECLAMATION MCC REPLACEMENT PROJECT ELECTRICAL <b>HW-MCC-C</b> <b>ONE-LINE DIAGRAM 3</b>		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0  1"	JOB NO. 202633
		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING NO. <b>GE-OL-HW-12</b> SHEET NO. 90 OF 152

GENERAL NOTES:  
 1. NO WORK ON THIS DRAWING. IT IS INCLUDED FOR REFERENCE ONLY.



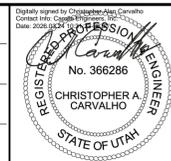
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CAC

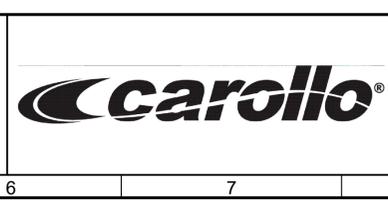
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LL  
VFD-18  
LR



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SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**HW-MCC-C**  
**ONE-LINE DIAGRAM 4**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

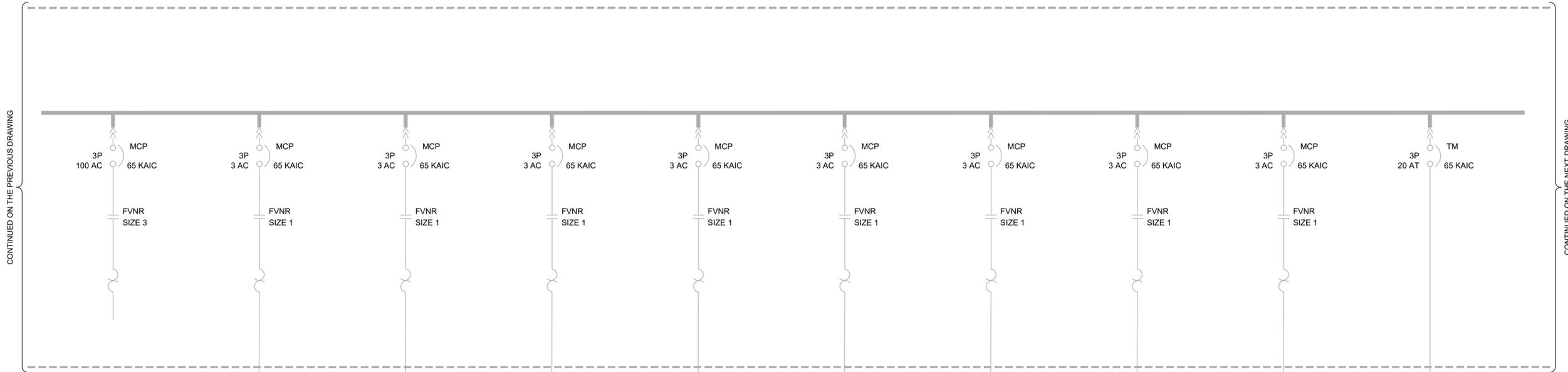
JOB NO.  
202633

DRAWING NO.  
**GE-OL-HW-13**

SHEET NO.  
91 OF 152

LAST SAVED BY: evandboom

GENERAL NOTES:  
 1. NO WORK ON THIS DRAWING. IT IS INCLUDED FOR REFERENCE ONLY.



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CONTINUED ON THE NEXT DRAWING

SPARE

UH-3705

UH-3706

UH-3704

UH-3701

UH-3703

UH-3702

UH-3708

UH-3707

UH-3709

0.5

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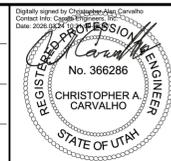


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CAC

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SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**HW-MCC-C**  
**ONE-LINE DIAGRAM 5**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

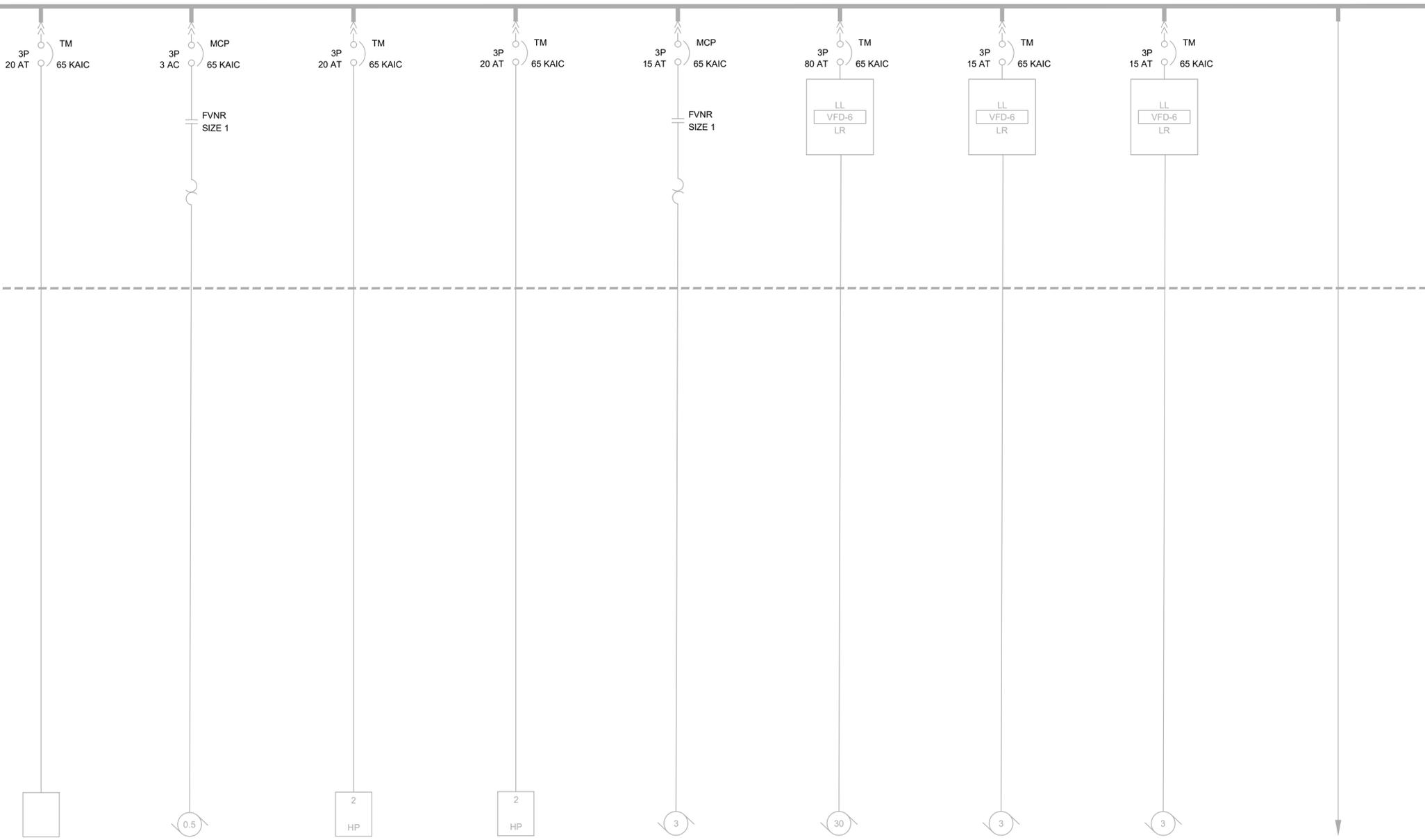
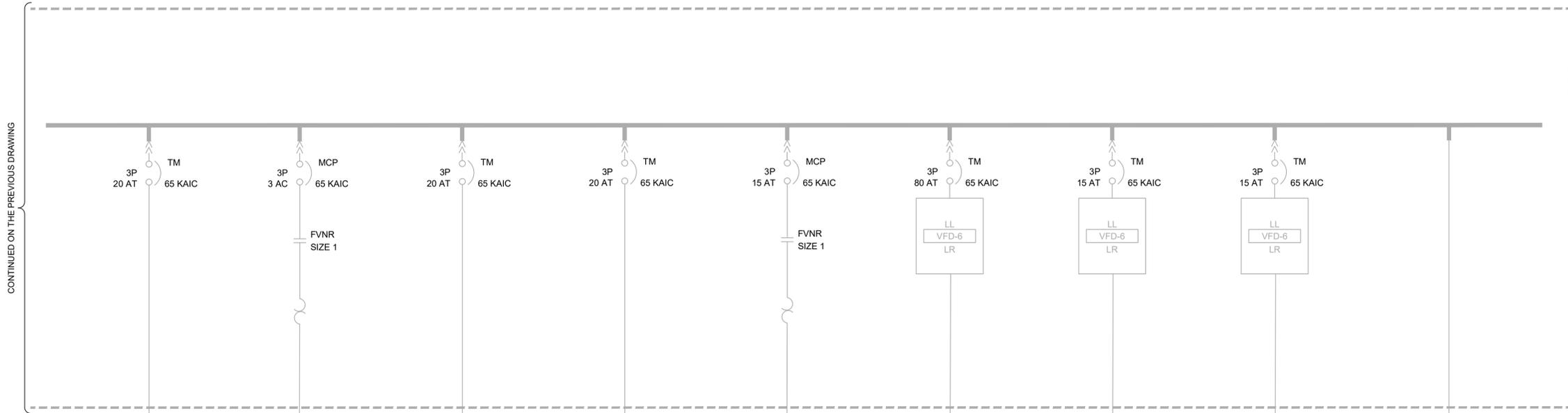
JOB NO.  
202633

DRAWING NO.  
**GE-OL-HW-14**

SHEET NO.  
92 OF 152

LAST SAVED BY: evandboom

GENERAL NOTES:  
 1. NO WORK ON THIS DRAWING. IT IS INCLUDED FOR REFERENCE ONLY.



UH-3710      UH-3711      AUG-361 AUGER DUMPSTER      AUG-362 AUGER DUMPSTER      HP-0109 HEAT COIL PUMP      EXF-0126 EXHAUST FAN      HRP-0123 HEAT RECOVERY PUMP      HRP-0124 HEAT RECOVERY PUMP      INCOMING LINE HW-MCC-B

LAST SAVED BY: evandoom

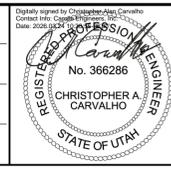
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SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**HW-MCC-C**  
**ONE-LINE DIAGRAM 6**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"

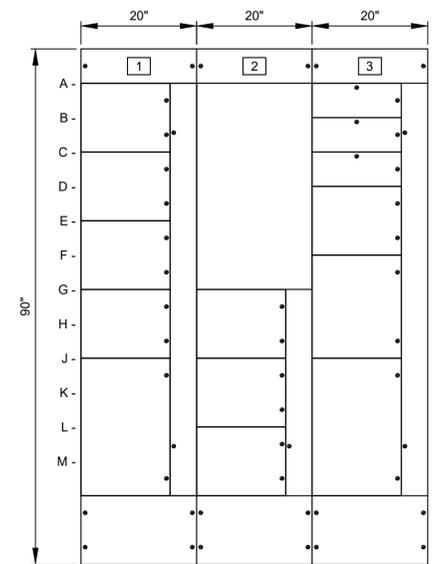
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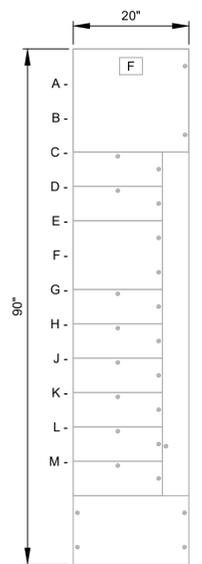
DRAWING NO.  
**GE-OL-HW-15**

SHEET NO.  
93 OF 152

**GENERAL NOTES:**  
 1. RW-MCC-A SECTION F IS NOT BEING REPLACED.



RAS BUILDING NO. 1  
**RW-MCC-A ELEVATION**



**RW-MCC-A SECTION F**

- 1A- ETHERNET SWITCH    2A- ATS TO RW-MCC-E    3A- TO ATS NORMAL SIDE
- 1C- ETHERNET POWER SUPPLY    2G- SPACE    3B- GENERATOR BREAKER TO ATS
- 1E- SCMX-721 SCUM MIXER    2J- SPARE SIZE 1 STARTER    3C- SPACE
- 1G- SCMX-722 SCUM MIXER    2L- SPACE    3D- SPACE
- 1J- TO RW-MCC-A-F    3F- PMP-1403 RAS PUMP
- 3J- MAIN BREAKER FROM ES3

- 6A- MAIN LUGS
- 6C- SPACE
- 6D- SPACE
- 6G- EDV-1610
- 6H- PMP-1601 WAS PUMP
- 6J- PMP-1602 WAS PUMP
- 6K- PMP-1603 WAS PUMP
- 6L- PMP-1401 RAS PUMP
- 6M- PMP-1402 RAS PUMP

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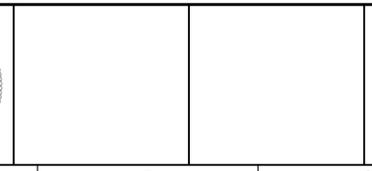
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DATE  
MARCH 2026



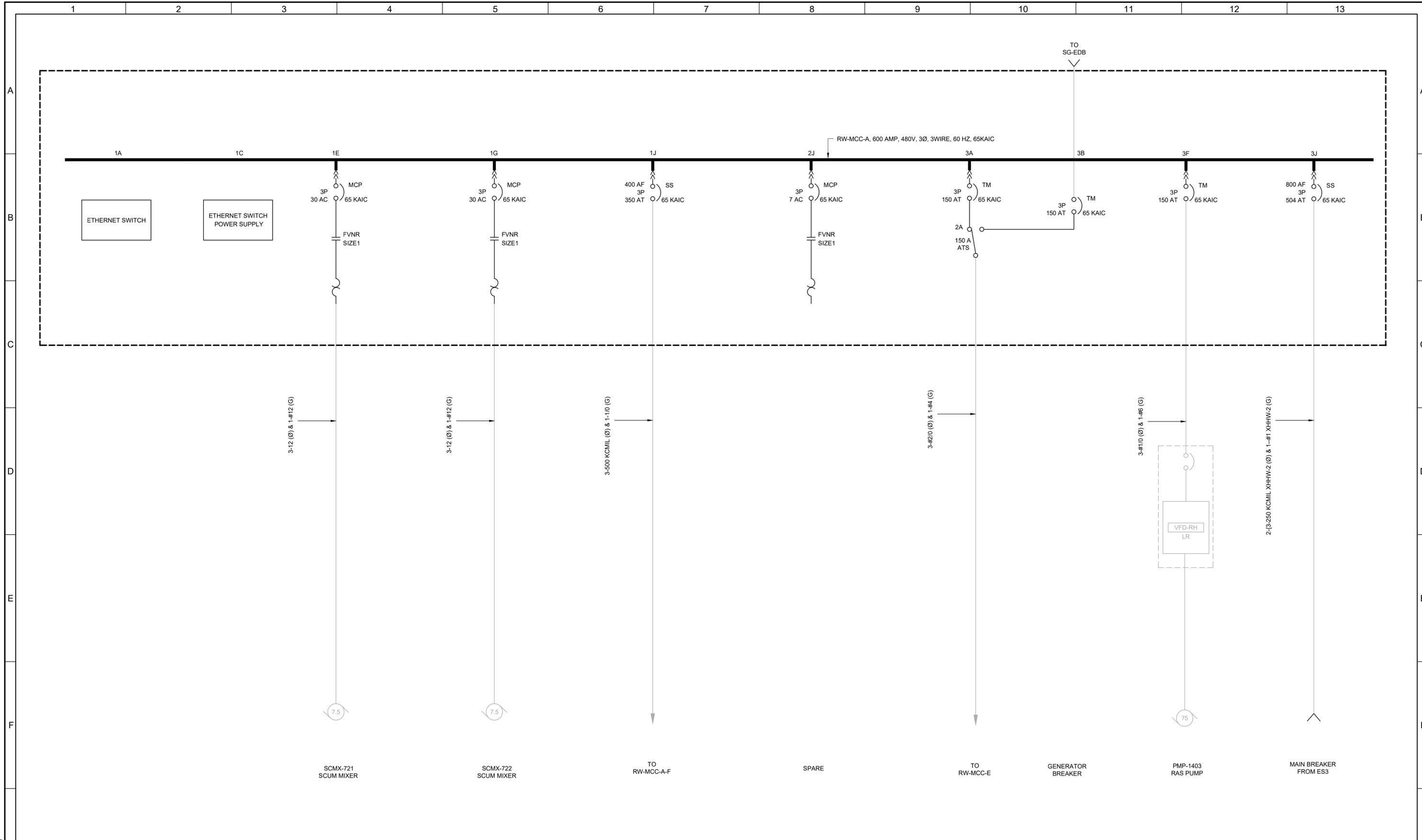
**SOUTH VALLEY WATER RECLAMATION**  
**MCC REPLACEMENT PROJECT**  
 ELECTRICAL  
**RW-MCC-A ELEVATION**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
**GE-OL-RW-1**

SHEET NO.  
94 OF 152



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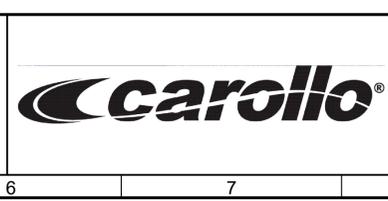
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Digitally signed by Christopher A. Carvalho  
Contact Info: CAC@carollo.com  
www.carollo.com

REGISTERED PROFESSIONAL ENGINEER  
No. 366286  
CHRISTOPHER A. CARVALHO  
STATE OF UTAH



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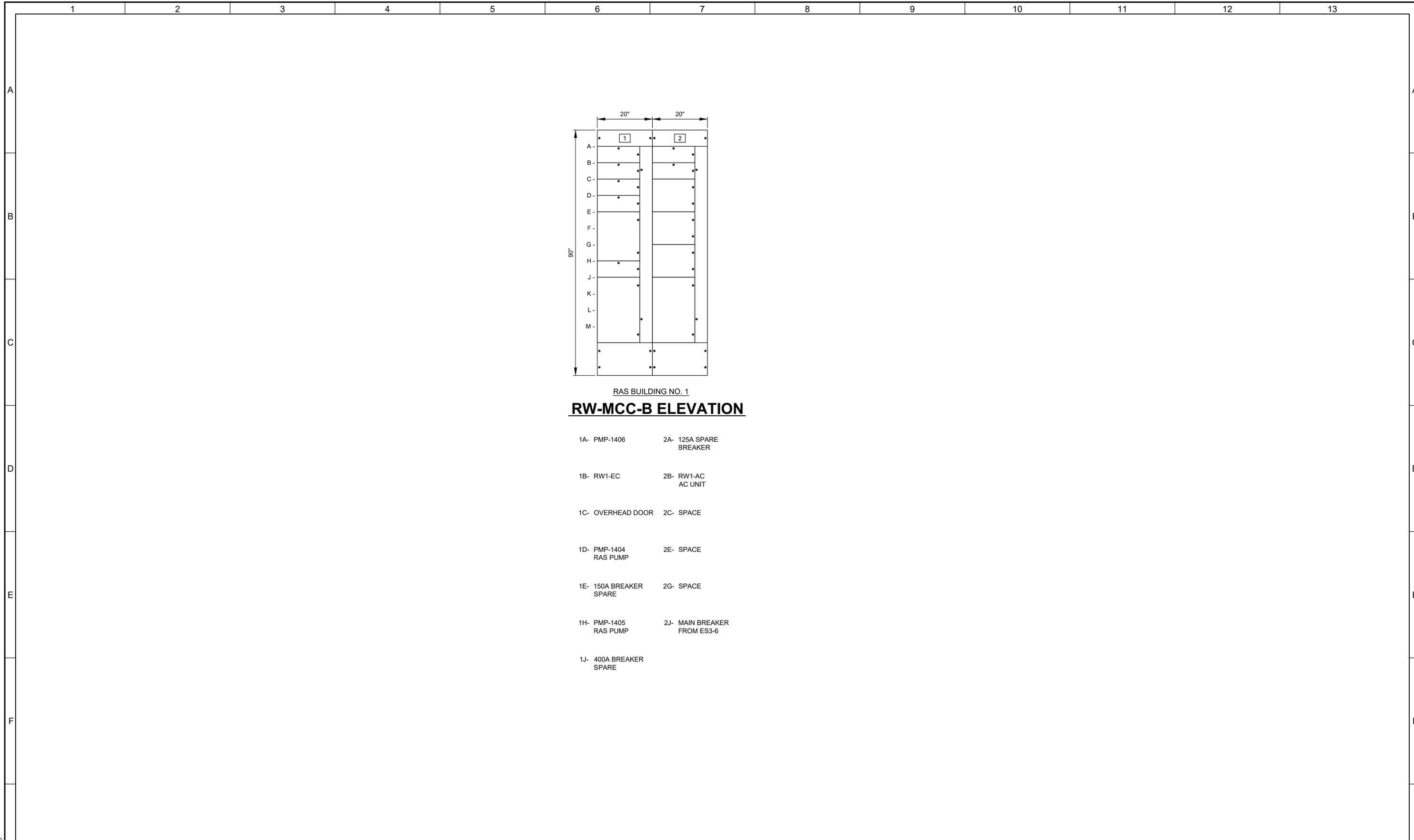
SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
**RW-MCC-A  
ONE-LINE DIAGRAM**

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
**GE-OL-RW-2**

SHEET NO.  
95 OF 192



RAS BUILDING NO. 1  
**RW-MCC-B ELEVATION**

- |                        |                             |
|------------------------|-----------------------------|
| 1A- PMP-1406           | 2A- 125A SPARE BREAKER      |
| 1B- RW1-EC             | 2B- RW1-AC AC UNIT          |
| 1C- OVERHEAD DOOR      | 2C- SPACE                   |
| 1D- PMP-1404 RAS PUMP  | 2E- SPACE                   |
| 1E- 150A BREAKER SPARE | 2G- SPACE                   |
| 1H- PMP-1405 RAS PUMP  | 2J- MAIN BREAKER FROM ES3-6 |
| 1J- 400A BREAKER SPARE |                             |

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JGB

DATE  
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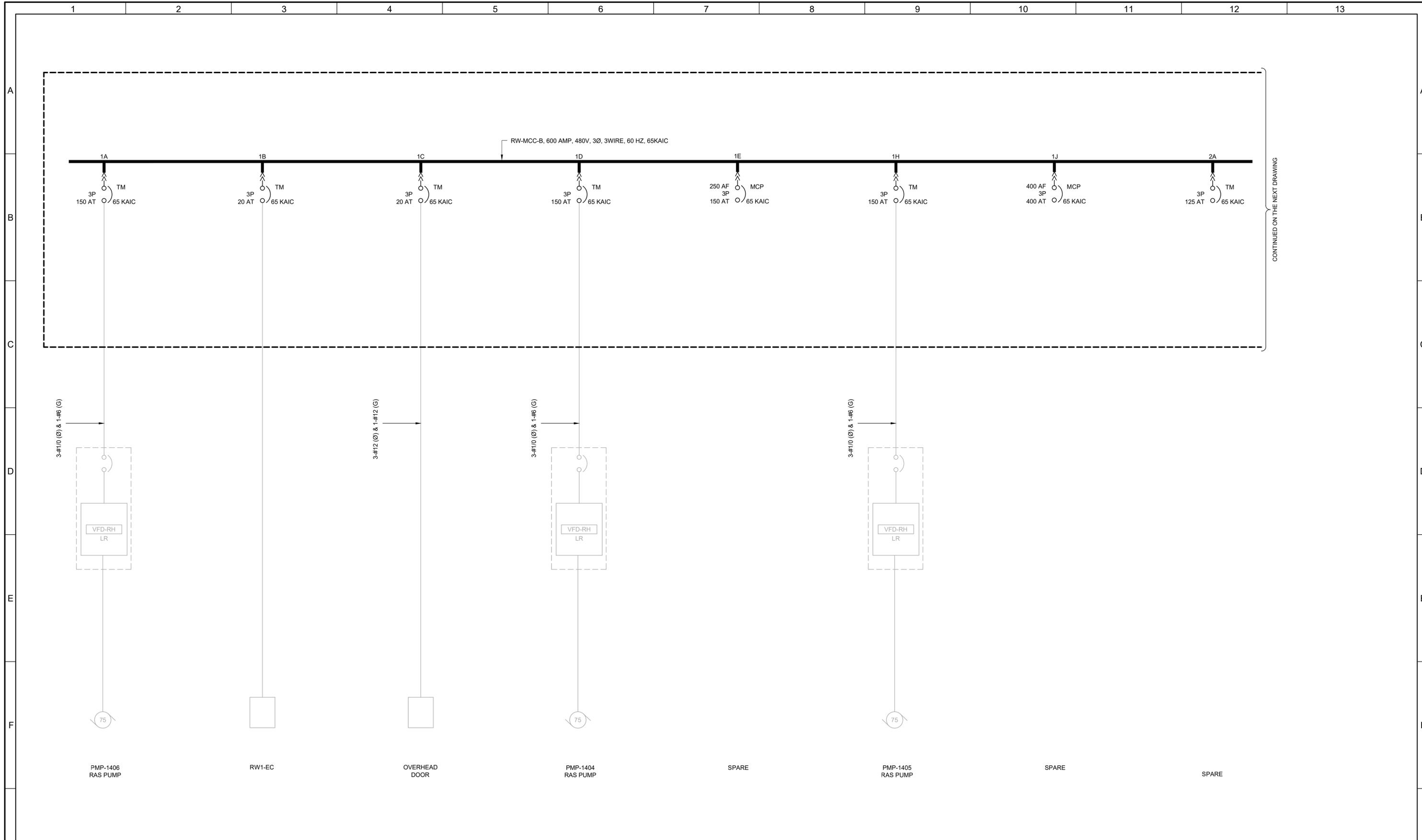
SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**RW-MCC-B  
 ELEVATION**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
**GE-OL-RW-3**

SHEET NO.  
96 OF 152

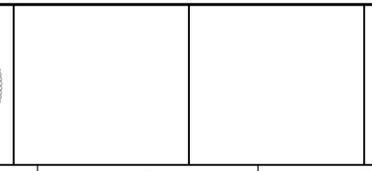


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DRAWN  
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DATE  
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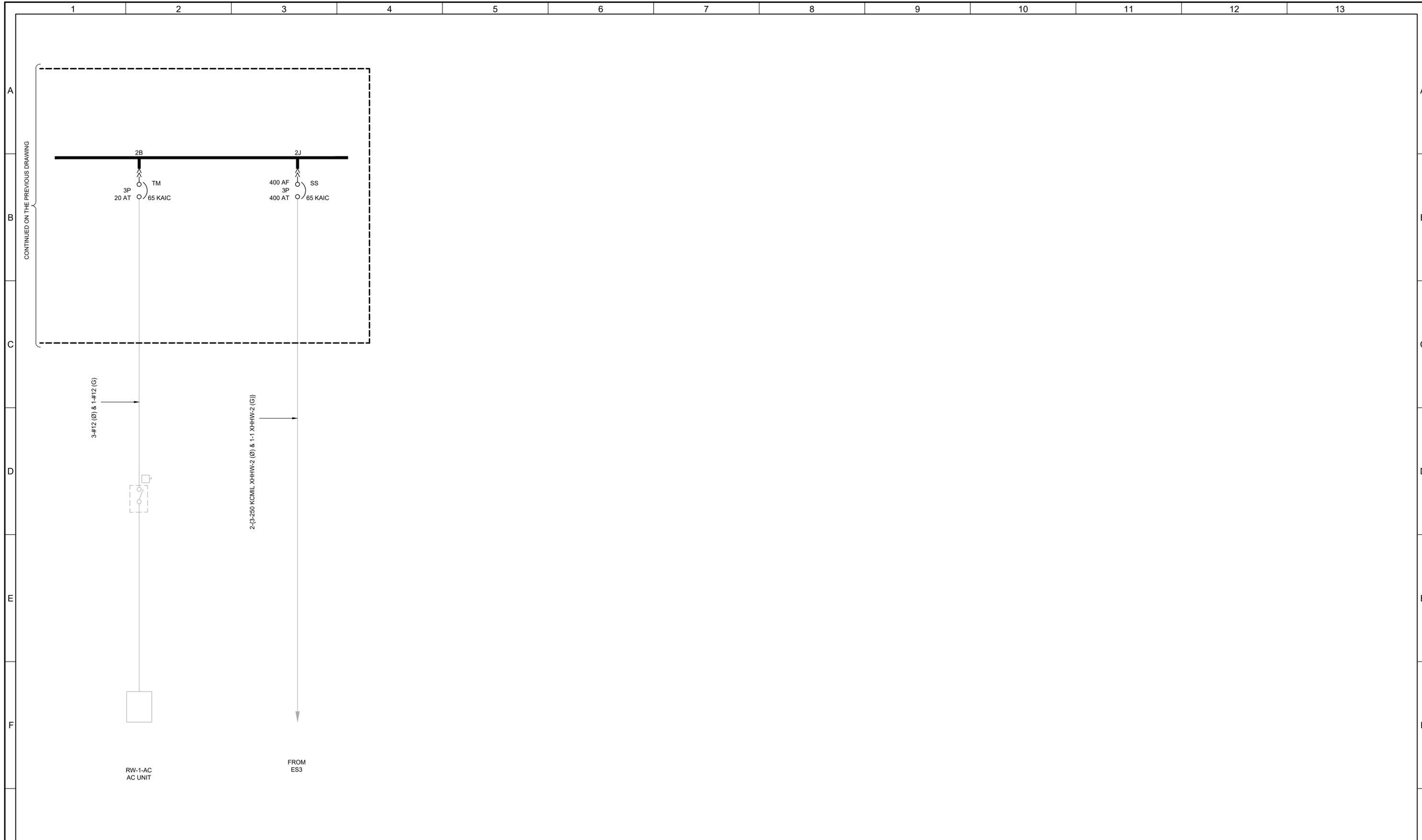


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**SOUTH VALLEY WATER RECLAMATION**  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
**RW-MCC-B**  
ONE-LINE DIAGRAM 1

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633  
DRAWING NO.  
**GE-OL-RW-4**  
SHEET NO.  
97 OF 152



REV	DATE	BY	DESCRIPTION

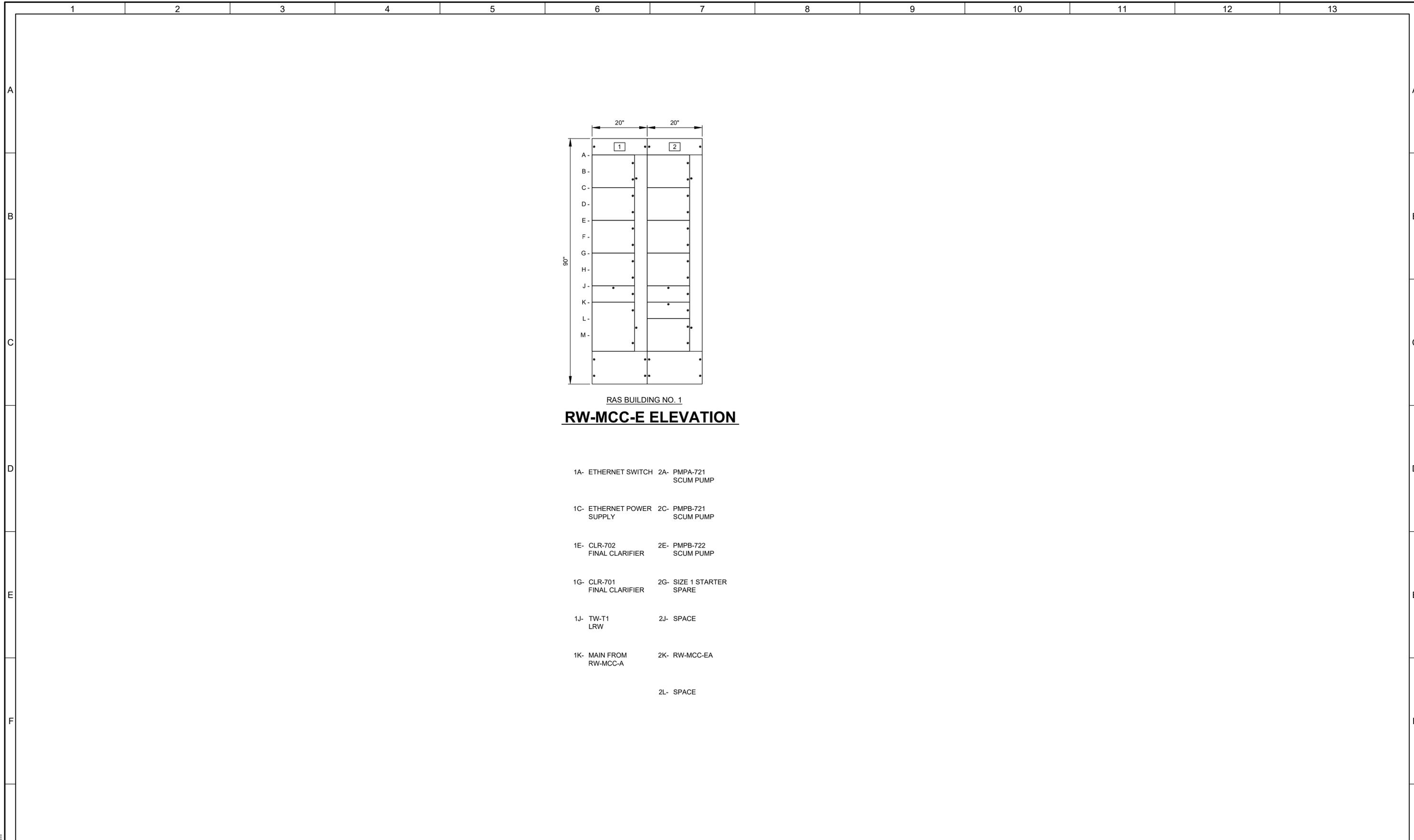
DESIGNED  
CAC  
DRAWN  
TLM  
CHECKED  
JGB  
DATE  
MARCH 2026



**SV South Valley**  
WATER RECLAMATION FACILITY  
7495 South 1300 West  
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION		VERIFY SCALES	JOB NO. 202633
MCC REPLACEMENT PROJECT		BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. GE-OL-RW-5
ELECTRICAL		0  1"	SHEET NO. 98 OF 152
RW-MCC-B ONE-LINE DIAGRAM 2		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	

LAST SAVED BY: tncrabito



RAS BUILDING NO. 1  
**RW-MCC-E ELEVATION**

- 1A- ETHERNET SWITCH    2A- PMPA-721 SCUM PUMP
- 1C- ETHERNET POWER SUPPLY    2C- PMPB-721 SCUM PUMP
- 1E- CLR-702 FINAL CLARIFIER    2E- PMPB-722 SCUM PUMP
- 1G- CLR-701 FINAL CLARIFIER    2G- SIZE 1 STARTER SPARE
- 1J- TW-T1 LRW    2J- SPACE
- 1K- MAIN FROM RW-MCC-A    2K- RW-MCC-EA
- 2L- SPACE

LAST SAVED BY: evandboom

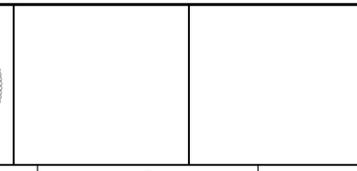
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JGB

DATE  
MARCH 2026



SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
**RW-MCC-E  
ELEVATION**

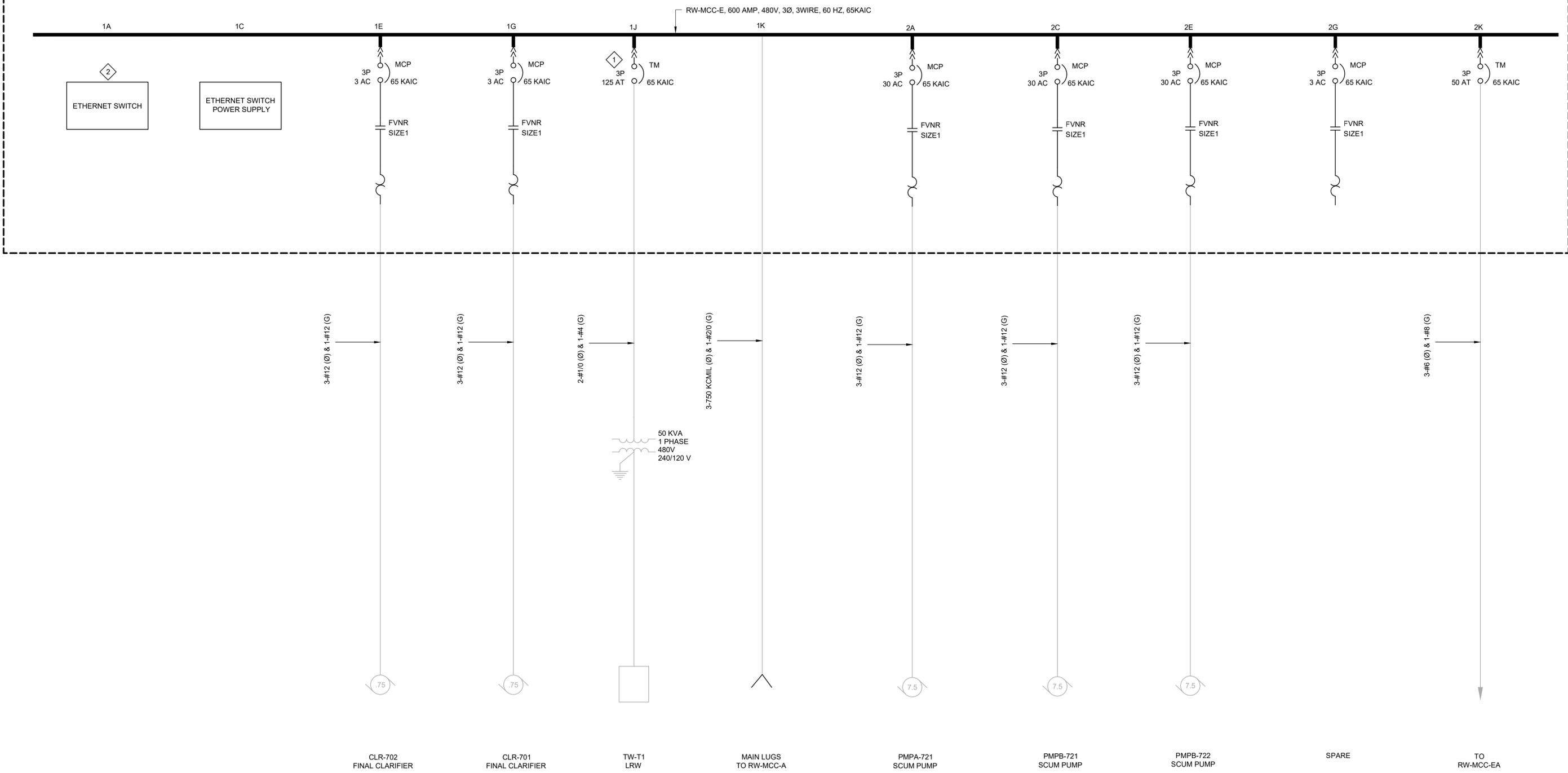
VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
**GE-OL-RW-6**

SHEET NO.  
99 OF 152

- KEY NOTES:**
- 3-POLE BREAKER RATED FOR SINGLE PHASE USE.
  - THE STARTERS IN RW-MCC-EA WILL BE CONNECTED TO THIS ETHERNET SWITCH.



LAST SAVED BY: evandboom

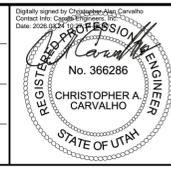
REV	DATE	BY	DESCRIPTION
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2			
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JGB

DATE  
MARCH 2026



**South Valley**  
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SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
RW-MCC-E  
ONE-LINE DIAGRAM

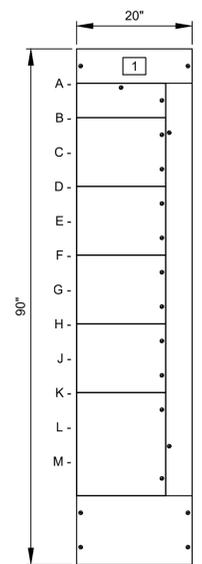
VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
GE-OL-RW-7

SHEET NO.  
100 OF 152

**GENERAL NOTES:**  
 1. THIS MCC WILL NOT BE FURNISHED WITH AN ETHERNET SWITCH. THE STARTERS WILL BE CONNECTED TO THE ETHERNET SWITCH IN RW-MCC-E.



**RAS BUILDING NO. 1**  
**RW-MCC-EA ELEVATION**

- 1A- SPACE
- 1B- SPACE
- 1D- PMPA-722  
SCUM PUMP
- 1F- CLR-703  
FINAL CLARIFIER
- 1H- CLR-704  
FINAL CLARIFIER
- 1K- MAIN FROM  
RW-MCC-E

LAST SAVED BY: Gherrea

REV	DATE	BY	DESCRIPTION

DESIGNED  
CAC

DRAWN  
TLM

CHECKED  
JGB

DATE  
MARCH 2026



**SV South Valley**  
 WATER RECLAMATION FACILITY  
 7495 South 1300 West  
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SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**RW-MCC-EA  
 ELEVATION**

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

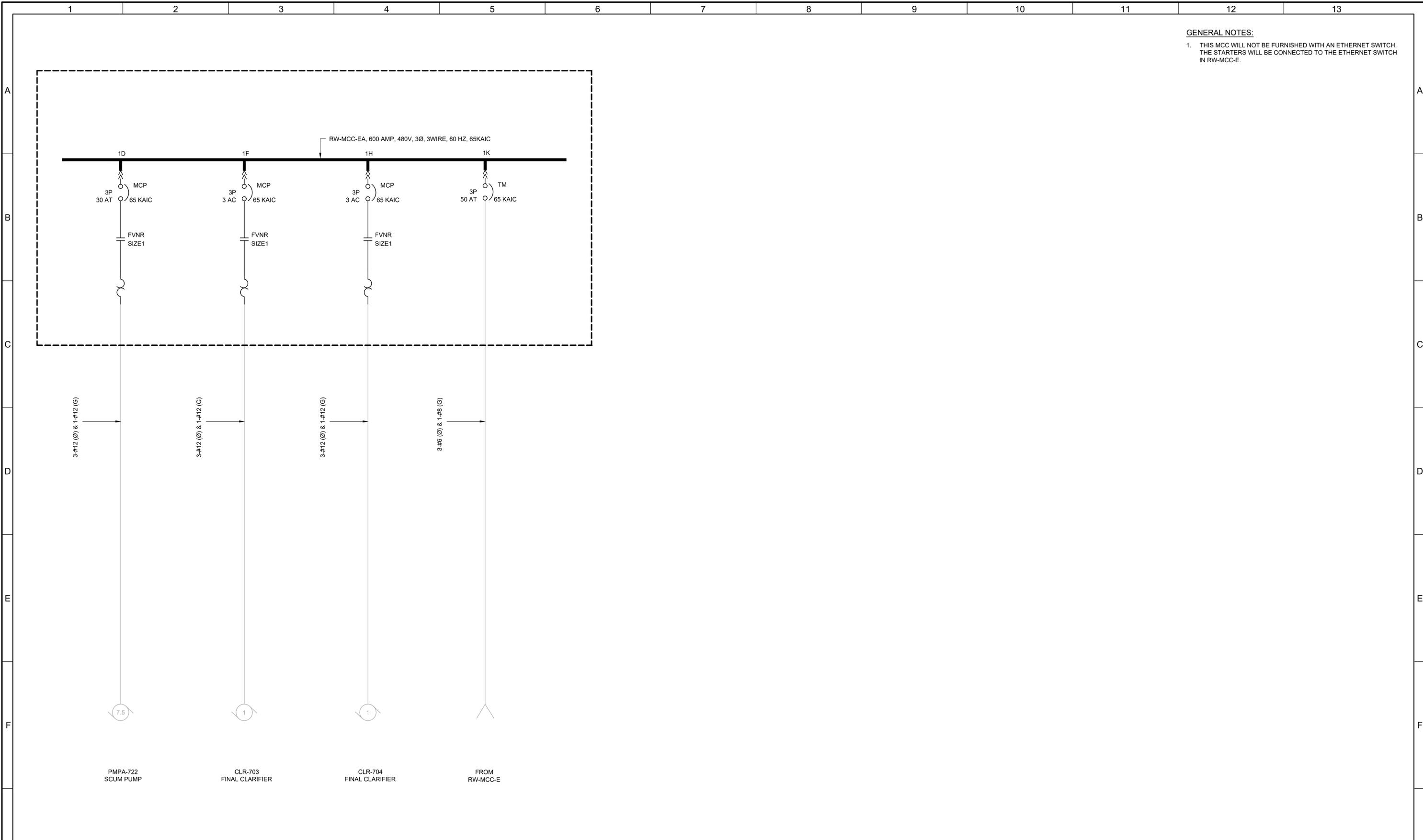
JOB NO.  
202633

DRAWING NO.  
**GE-OL-RW-8**

SHEET NO.  
101 OF 152

Plot Date: 12/9/2025 9:19:40 AM

LAST SAVED BY: Chertrea



**GENERAL NOTES:**

- THIS MCC WILL NOT BE FURNISHED WITH AN ETHERNET SWITCH. THE STARTERS WILL BE CONNECTED TO THE ETHERNET SWITCH IN RW-MCC-E.

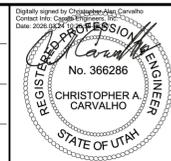
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DRAWN  
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JGB

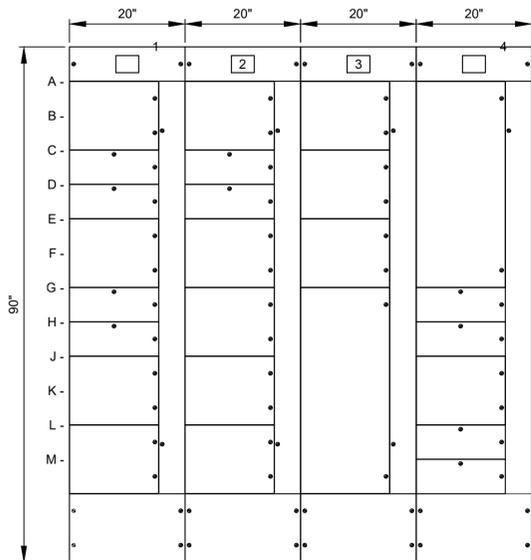
DATE  
MARCH 2026



**South Valley**  
WATER RECLAMATION FACILITY

7495 South 1300 West  
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION MCC REPLACEMENT PROJECT ELECTRICAL		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"	JOB NO. 202633
		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	DRAWING NO. <b>GE-OL-RW-9</b>
RW-MCC-EA ONE-LINE DIAGRAM		SHEET NO. 102 OF 152	



RAS BUILDING NO. 2

**RW-MCC-C ELEVATION**

- |                          |                           |                                |                                   |
|--------------------------|---------------------------|--------------------------------|-----------------------------------|
| 1A- ETHERNET SWITCH      | 2A- ETHERNET POWER SUPPLY | 3A- SPACE                      | 4A- ATS                           |
| 1C- OVERHEAD DOOR        | 2C- RW2-AC                | 3C- SPACE                      | 4G- SPACE                         |
| 1E- RW2-EC EVAP COOLER   | 2D- TR-LRW-A LRW-A        | 3E- SPACE                      | 4H- NORMAL POWER BREAKER          |
| 1G- 20A BREAKER SPARE    | 2E- SIZE 1 STARTER SPARE  | 3G- MAIN BREAKER FROM RW-DPP-A | 4J- SPACE                         |
| 1H- 15A BREAKER SPARE    | 2G- SPACE                 |                                | 4L- SPACE                         |
| 1J- SCM-723 SCUM MIXER   | 2J- SPACE                 |                                | 4M- EMERGENCY BREAKER FROM SG-EDA |
| 1L- SIZE 1 STARTER SPARE | 2L- SPACE                 |                                |                                   |

LAST SAVED BY: evandboom

REV	DATE	BY	DESCRIPTION

DESIGNED  
CAC  
DRAWN  
TLM  
CHECKED  
JGB  
DATE  
MARCH 2026



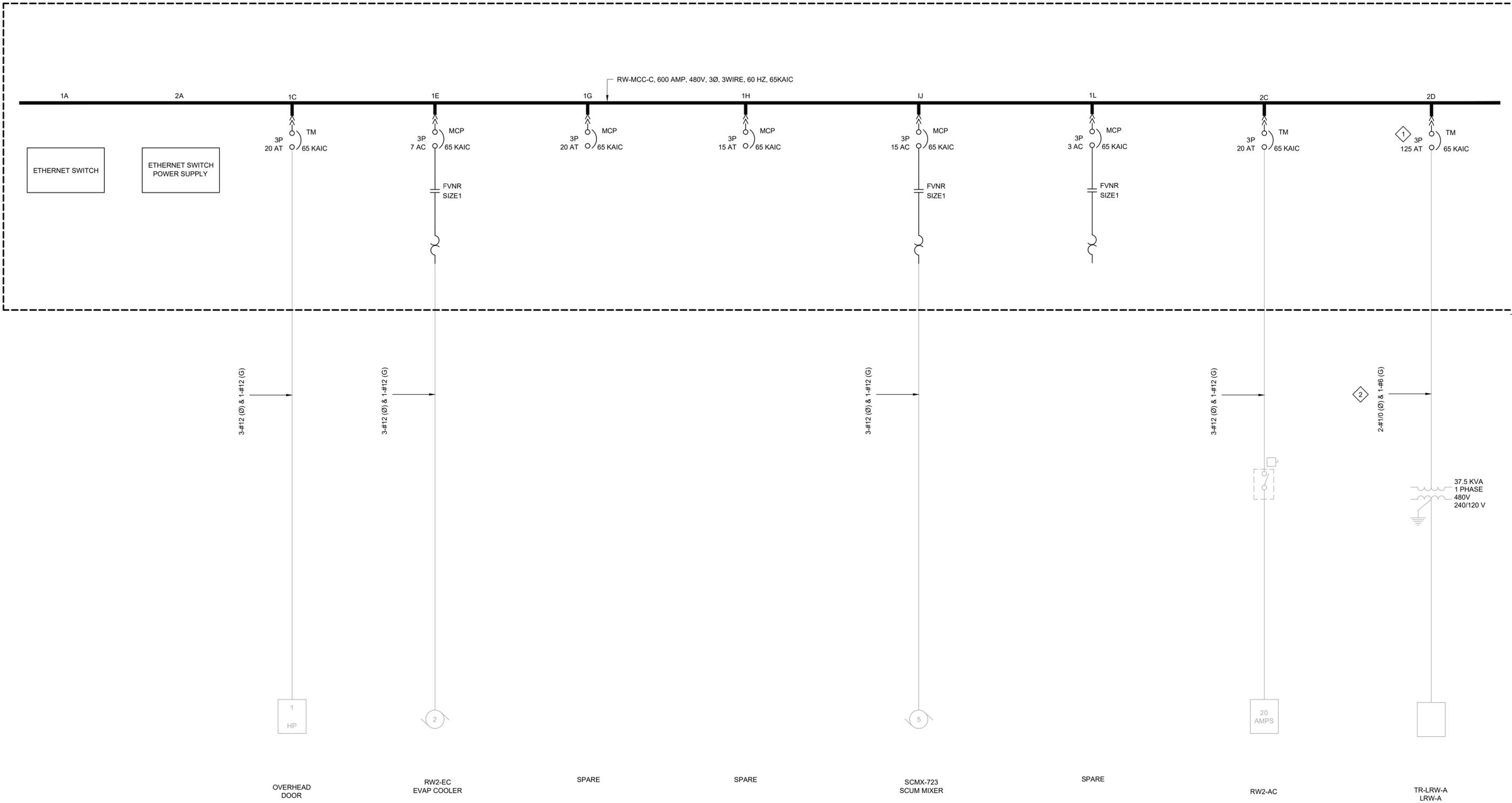
**South Valley**  
WATER RECLAMATION FACILITY  
7495 South 1300 West  
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
**RW-MCC-C  
ELEVATION**

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633  
DRAWING NO.  
**GE-OL-RW-10**  
SHEET NO.  
103 OF 152

- # KEY NOTES:
- 3-POLE BREAKER RATED FOR SINGLE PHASE USE.
  - ROUTE THE NEW CONDUCTORS THROUGH RW-MCC-C TO THE FIRST SECTION AND THEN DOWN TO THE TRANSFORMER, SEE DRAWING D-17E-02.



CONTINUED ON THE NEXT DRAWING

LAST SAVED BY: evandboom

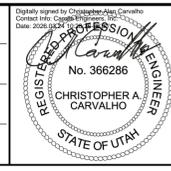
REV	DATE	BY	DESCRIPTION

DESIGNED  
CAC

DRAWN  
TLM

CHECKED  
JGB

DATE  
MARCH 2026



**South Valley**  
WATER RECLAMATION FACILITY

7495 South 1300 West  
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
RW-MCC-C  
ONE-LINE DIAGRAM 2

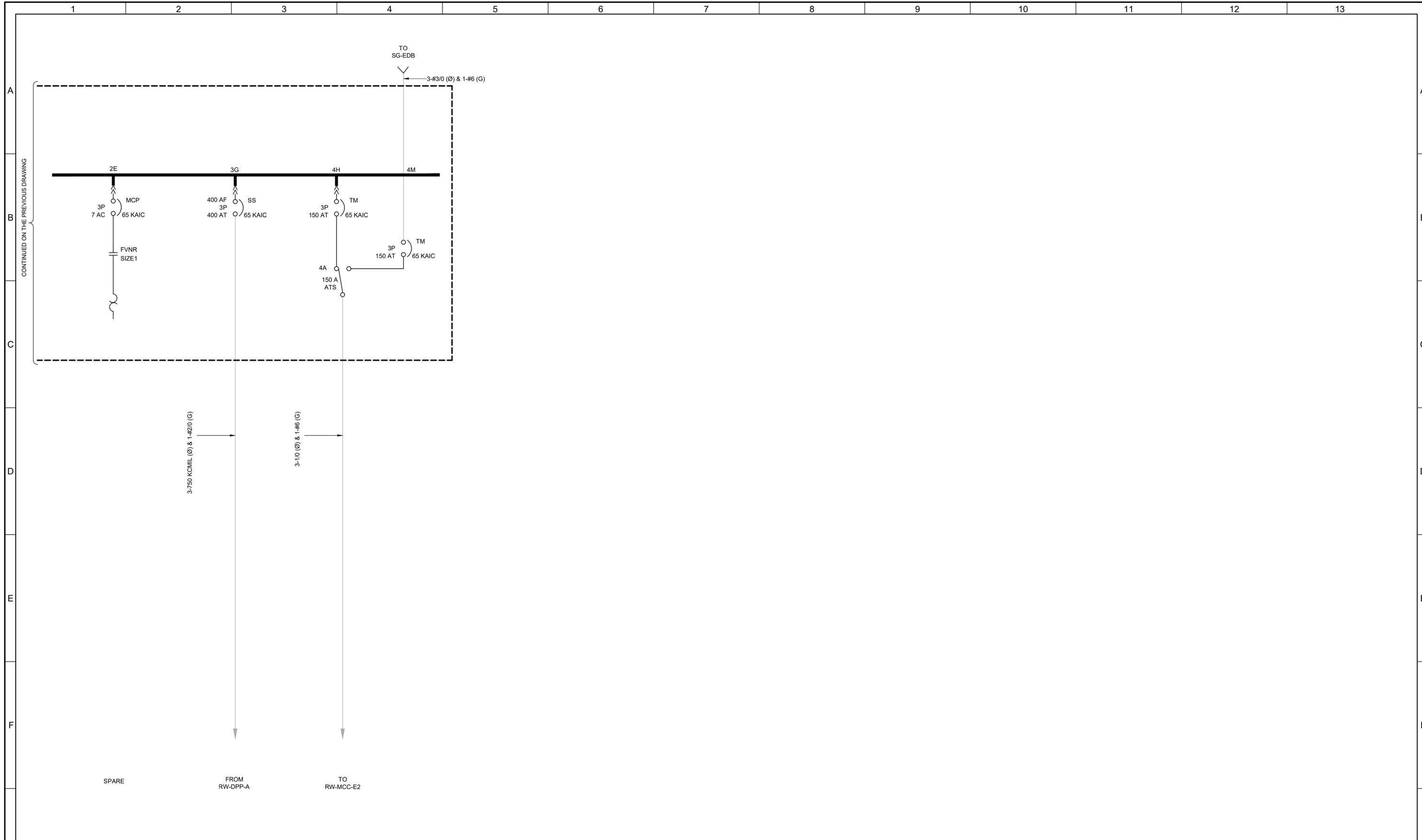
VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633

DRAWING NO.  
GE-OL-RW-11

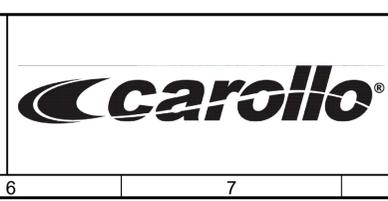
SHEET NO.  
104 OF 152



REV	DATE	BY	DESCRIPTION

DESIGNED  
ME  
DRAWN  
GH  
CHECKED  
DATE  
MARCH 2026

Digitally signed by Christopher A. Carvalho  
 Contact info: [Carvalho@carollo.com](mailto:Carvalho@carollo.com)  
 www.carollo.com  
 REGISTERED PROFESSIONAL ENGINEER  
 CHRISTOPHER A. CARVALHO  
 STATE OF UTAH



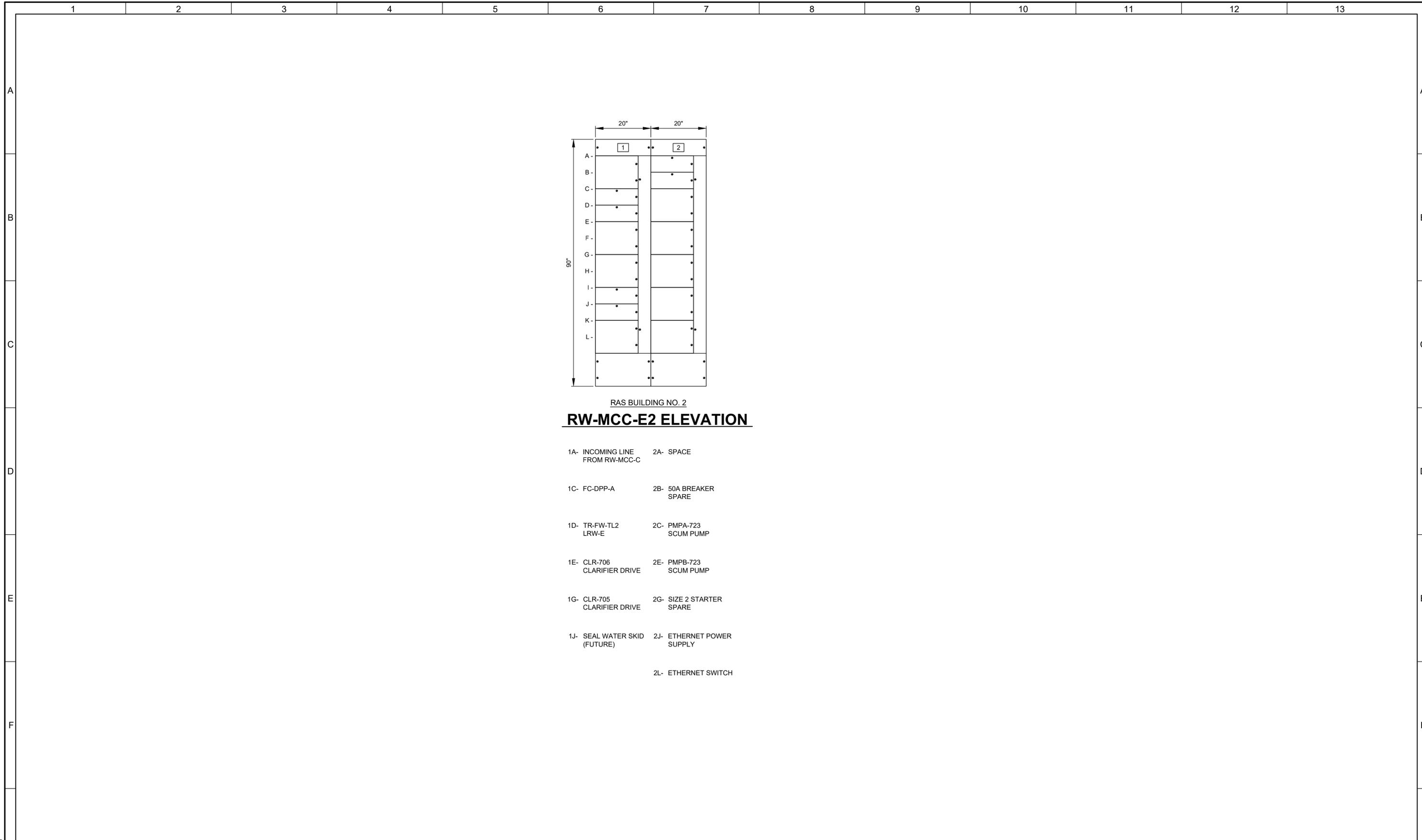
**SV South Valley**  
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 West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
 RW-MCC-C ONE-LINE DIAGRAM 2

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633  
 DRAWING NO.  
**GE-OL-RW-12**  
 SHEET NO.  
105 OF 152

LAST SAVED BY: Chertiera



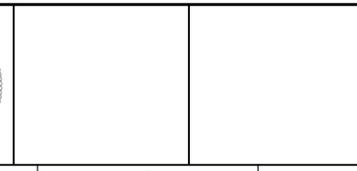
RAS BUILDING NO. 2  
**RW-MCC-E2 ELEVATION**

- |                                 |                           |
|---------------------------------|---------------------------|
| 1A- INCOMING LINE FROM RW-MCC-C | 2A- SPACE                 |
| 1C- FC-DPP-A                    | 2B- 50A BREAKER SPARE     |
| 1D- TR-FW-TL2 LRW-E             | 2C- PMPA-723 SCUM PUMP    |
| 1E- CLR-706 CLARIFIER DRIVE     | 2E- PMPB-723 SCUM PUMP    |
| 1G- CLR-705 CLARIFIER DRIVE     | 2G- SIZE 2 STARTER SPARE  |
| 1J- SEAL WATER SKID (FUTURE)    | 2J- ETHERNET POWER SUPPLY |
|                                 | 2L- ETHERNET SWITCH       |

LAST SAVED BY: evandboom

REV	DATE	BY	DESCRIPTION

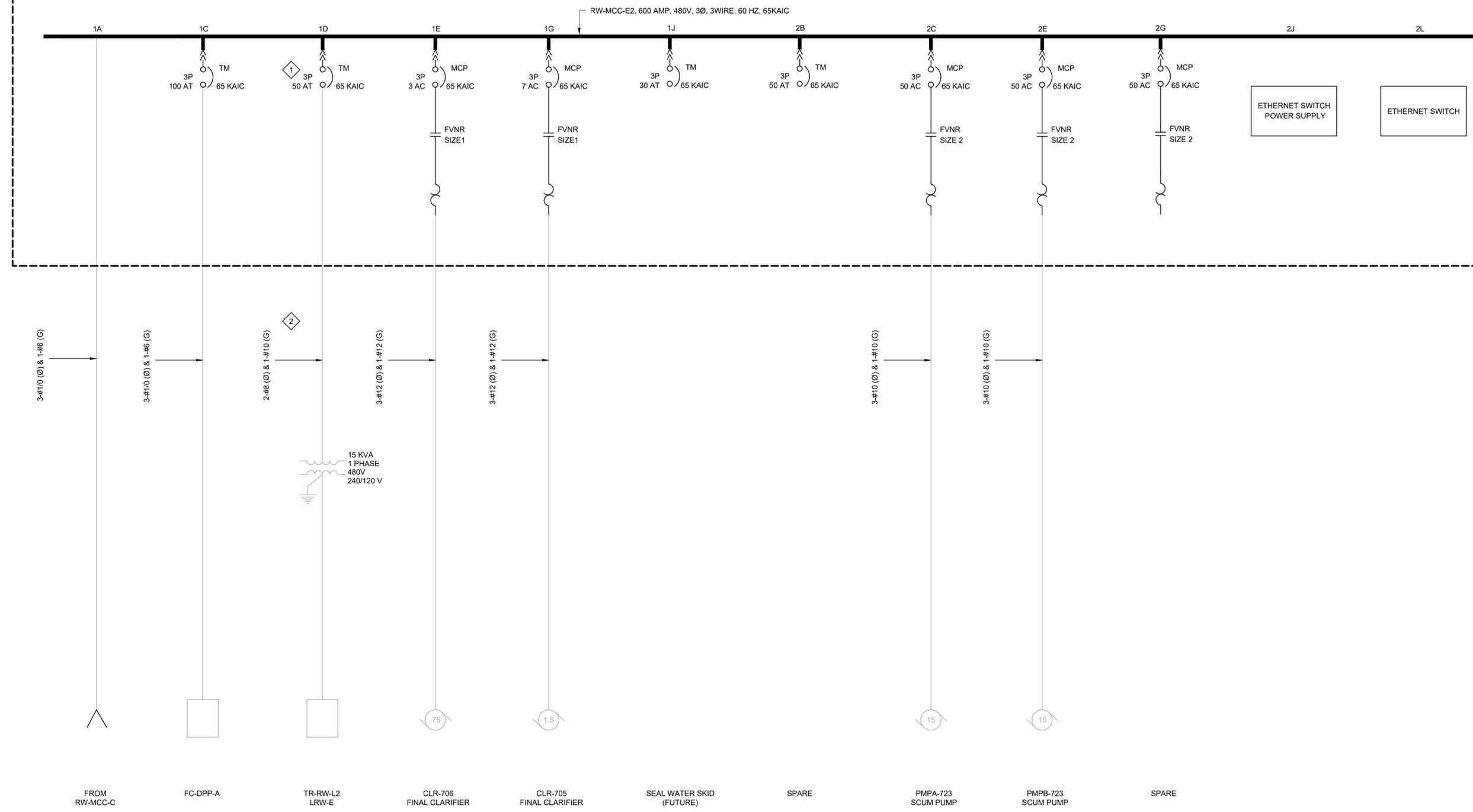
DESIGNED CAC
DRAWN TLM
CHECKED JGB
DATE MARCH 2026



SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**RW-MCC-E2  
 ELEVATION**

VERIFY SCALES	JOB NO. 202633
BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. <b>GE-OL-RW-13</b>
0  1"	SHEET NO. 106 OF 152
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	

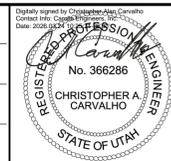
- # KEY NOTES:
- 3-POLE BREAKER RATED FOR SINGLE PHASE USE.
  - ROUTE THE NEW CONDUCTORS THROUGH RW-MCC-C TO THE FIRST SECTION AND THEN DOWN TO THE TRANSFORMER. SEE DRAWING D-17E-02



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REV	DATE	BY	DESCRIPTION
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CAC  
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TLM  
CHECKED  
JGB  
DATE  
MARCH 2026



REGISTERED PROFESSIONAL ENGINEER  
CHRISTOPHER A. CARVALHO  
No. 366286  
STATE OF UTAH

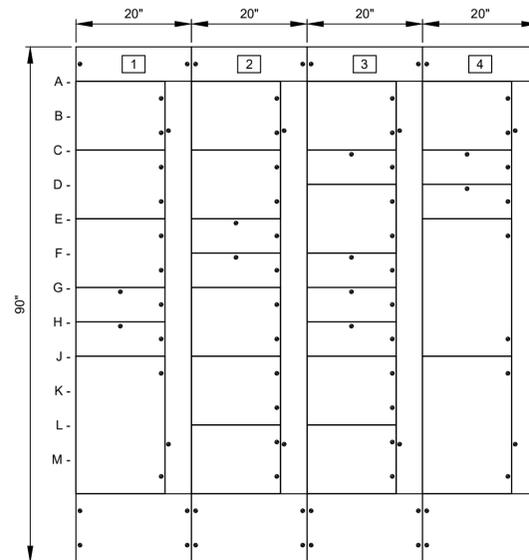


**South Valley**  
WATER RECLAMATION FACILITY  
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West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
MCC REPLACEMENT PROJECT  
ELECTRICAL  
**RW-MCC-E2**  
**ONE-LINE DIAGRAM**

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
202633  
DRAWING NO.  
**GE-OL-RW-14**  
SHEET NO.  
107 OF 152



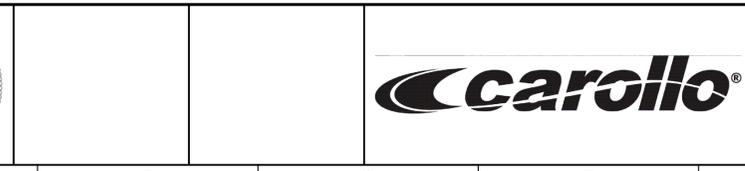
SOLIDS HANDLING BUILDING  
**SP-MCC-A ELEVATION**

- |   |                          |   |   |
|---|--------------------------|---|---|
| 1A- ETHERNET SWITCH                     | 2A- SIZE 1 STARTER SPARE | 3A- BF-1 BOOSTER FAN                        | 4A- SPACE                                 |
| 1C- ETHERNET SWITCH POWER SUPPLY        | 2C- SIZE 1 STARTER SPARE | 3C- RTU-1004 AC ROOFTOP UNIT TO ELEC RMS    | 4C- SUF-1001 SUPPLY FAN                   |
| 1E- CVA-1741 SOUTH SCREW CONVEYOR       | 2E- 70A BREAKER SPARE    | 3D- SPACE                                   | 4D- FCU-1 AC CONDENSERS TO PCM ENCLOSURES |
| 1G- 20A BREAKER SPARE                   | 2F- 20A BREAKER SPARE    | 3F- SUMP PUMPS SP-P-18 & SP-P-19            | 4E- EXF-1002 EXHAUST FAN                  |
| 1H- PMP-2205 POLYMER RECIRCULATION PUMP | 2G- SIZE 1 STARTER SPARE | 3G- FCU-2 FAN & HEAT UNIT TO PCM ENCLOSURES | 4J- UTILITY POWER TO SP-ATS               |
| 1J- MAIN BREAKER FROM ES-1              | 2J- SPACE                | 3H- SPACE                                   |   |
|   | 2L- SPACE                | 3J- SPACE                                   |   |
|   |                          | 3L- SPACE                                   |   |

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CHECKED	JGB		
DATE	MARCH 2026		
REV	DATE	BY	DESCRIPTION
1	9/26/24	MME	DESIGN CLARIFICATION 1

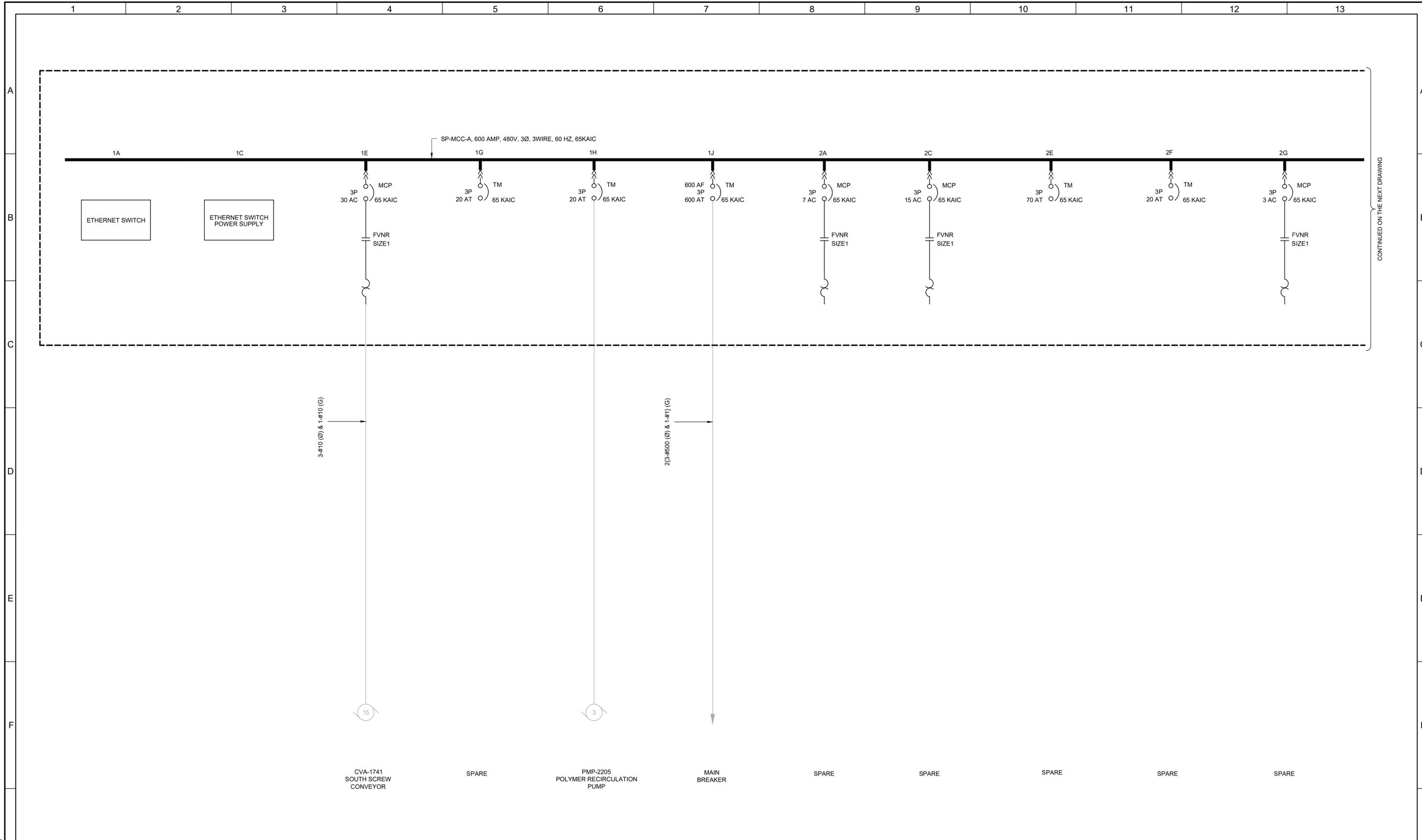
Digitally signed by Christopher A. Carvalho  
 Contact Info: CAC@carollo.com  
 Date: 2026.03.04 10:58:05 -0500



**South Valley**  
 WATER RECLAMATION FACILITY  
 7495 South 1300 West  
 West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION  
 MCC REPLACEMENT PROJECT  
 ELECTRICAL  
**SP-MCC-A  
 ELEVATION**

VERIFY SCALES	JOB NO. 202633
BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. <b>GE-OL-SP-1</b>
0  1"	SHEET NO. 108 OF 152
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	



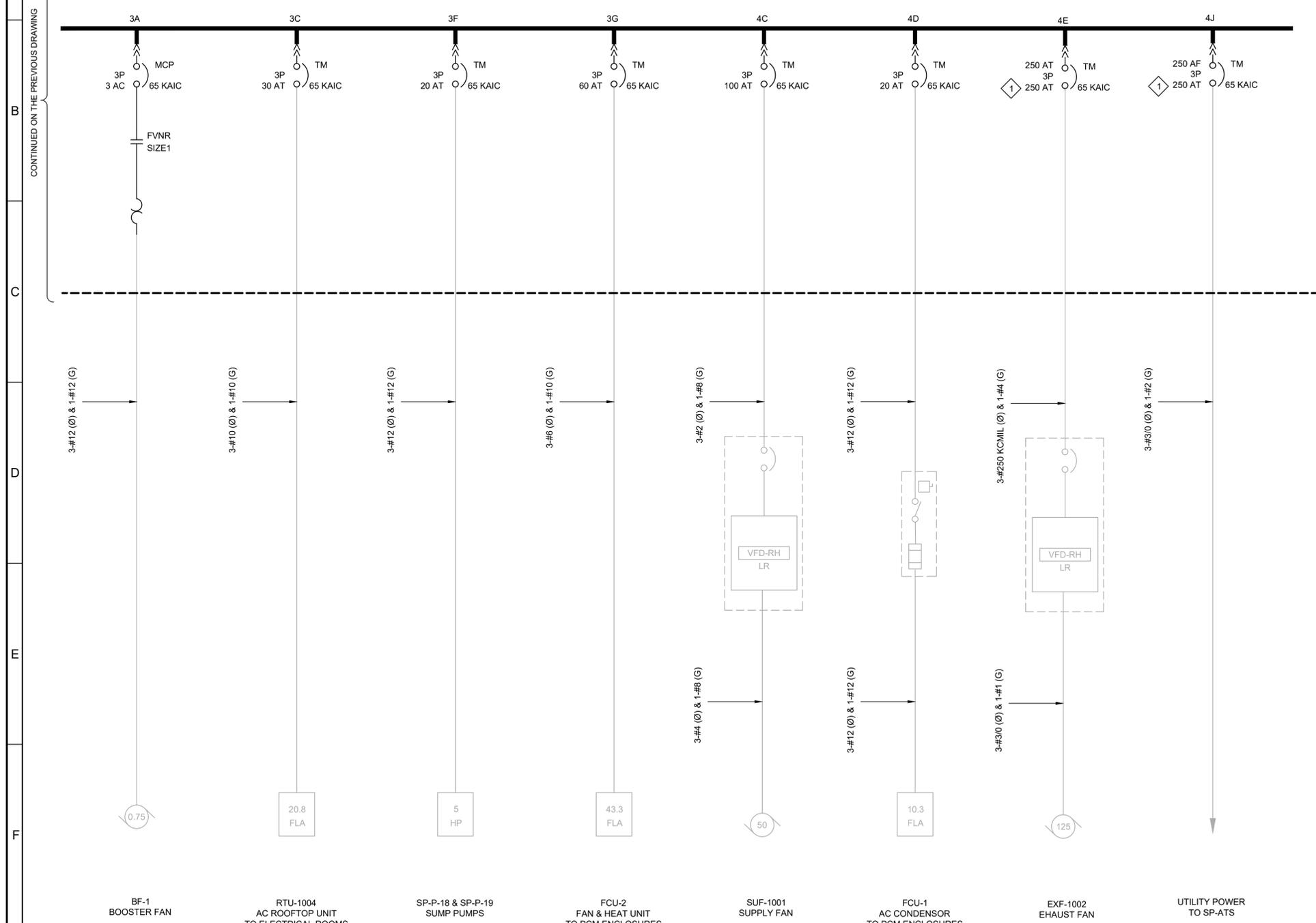
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REV	DATE	BY	DESCRIPTION																
1	9/26/24	MME	DESIGN CLARIFICATION 1																
DESIGNED CAC																			
DRAWN TLM																			
CHECKED JGB																			
DATE MARCH 2026																			

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# KEY NOTES:

1. THE TRIP SETTING IS BASED ON THE ADJUSTABILITY OF THE CIRCUIT BREAKER.



CONTINUED ON THE PREVIOUS DRAWING

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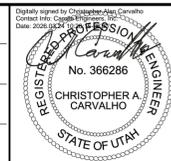
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DATE  
MARCH 2026



**South Valley**  
WATER RECLAMATION FACILITY

7495 South 1300 West  
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION		VERIFY SCALES	JOB NO. 202633
MCC REPLACEMENT PROJECT		BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. <b>GE-OL-SP-3</b>
ELECTRICAL		0  1"	SHEET NO. 110 OF 152
<b>SP-MCC-A</b>		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	
<b>ONE-LINE DIAGRAM - 2</b>			