

Plot Date: 15-MAR-2021 1:48:40 PM
User: svcPW
Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen PlotScale: 1:1
LAST SAVED BY: stfuckles



A PLAN
GE-SE-1 SCALE: 1"=20'
FILE: 10548A10P201E100

REV	DATE	BY	DESCRIPTION

DESIGNED CAC
DRAWN EYJ
CHECKED BJR
DATE MARCH 2021



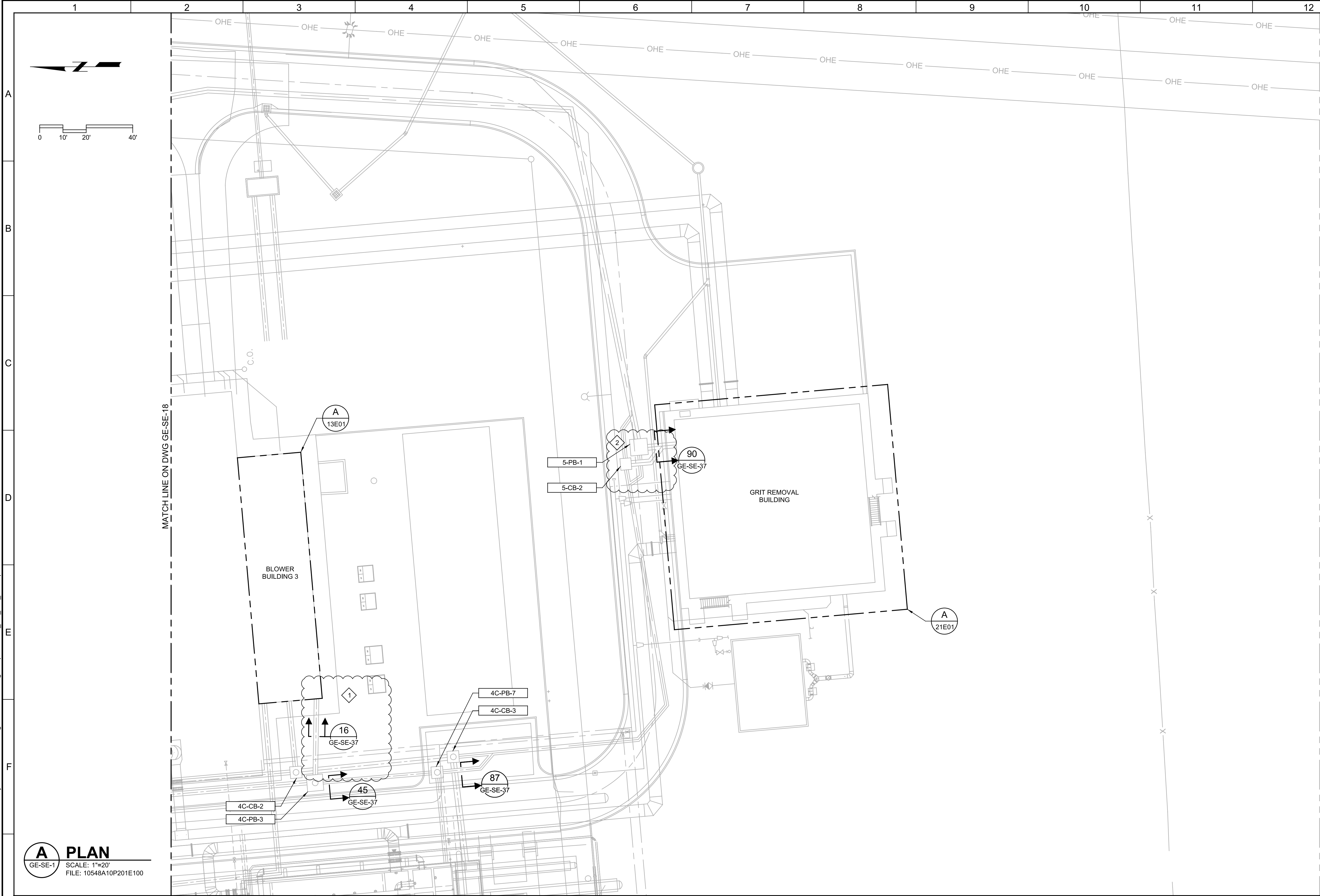
SV South Valley
WATER RECLAMATION FACILITY
7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY
GENERATOR REPLACEMENT
ELECTRICAL
SITE PLAN
AREA 18

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

JOB NO. 10548A.10
DRAWING NO. GE-SE-18
SHEET NO. 11 OF 38

Plot Date: 22-MAR-2021 1:25:42 PM
User: svcPW
Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen PlotScale: 1:1
LAST SAVED BY: stfuckles



GENERAL NOTES:

1. CLOUDED WORK INDICATES WORK THIS PROJECT.

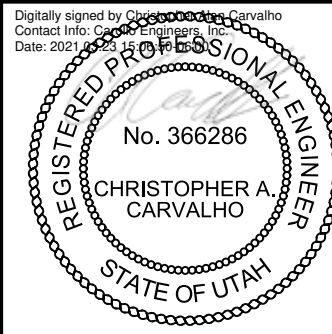
KEY NOTES:

1. FROM EMH-1 ROUTE THE FEEDER TR-BB-LP2 IN DUCT BANK SECTIONS 87, 45 AND 16.

A PLAN
GE-SE-1
SCALE: 1"=20'
FILE: 10548A10P201E100

REV	DATE	BY	DESCRIPTION

DESIGNED
CAC
DRAWN
EYJ
CHECKED
BJR
DATE
MARCH 2021

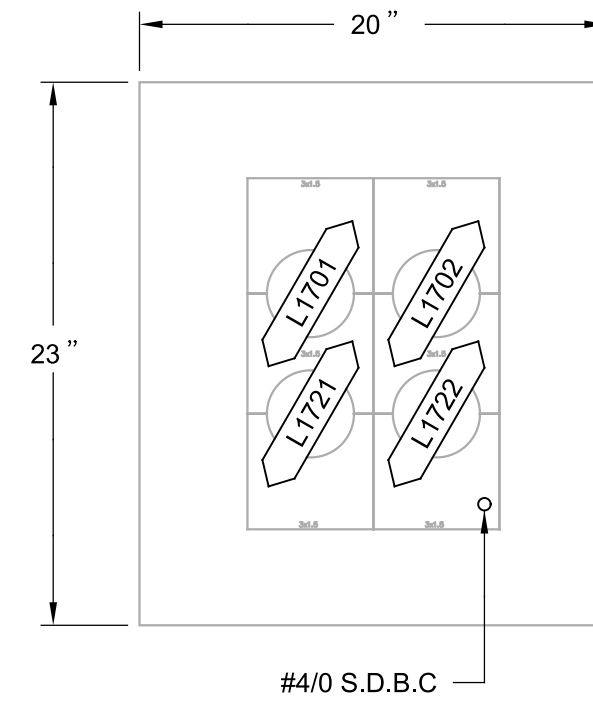
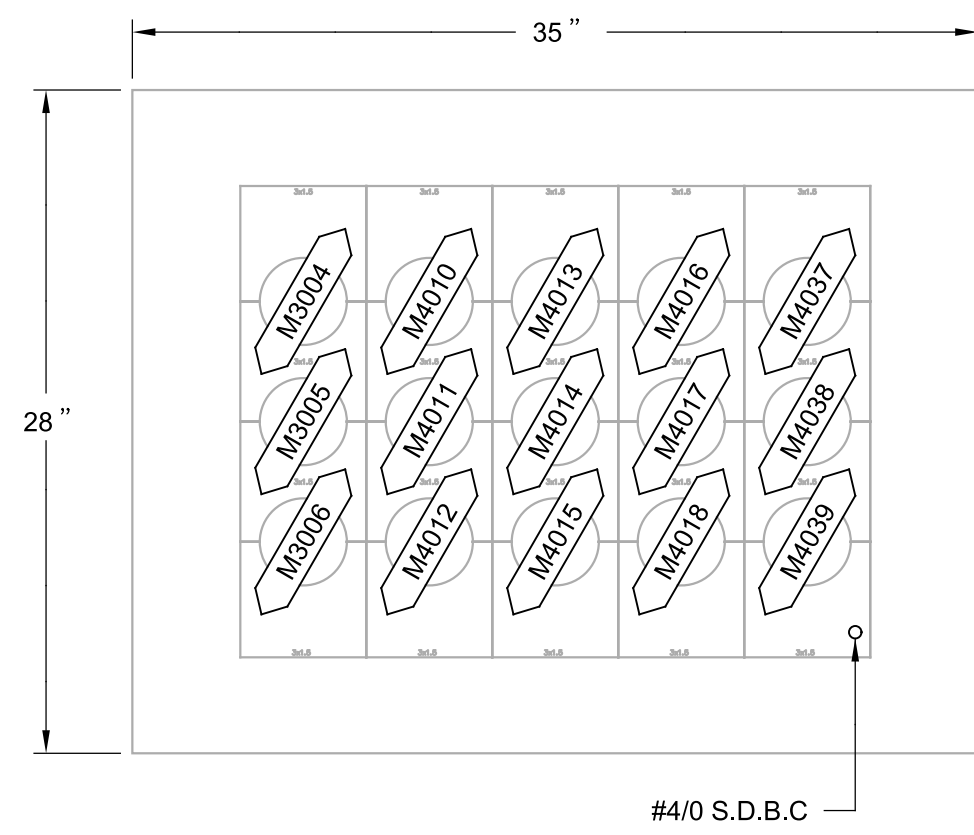


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SOUTH VALLEY WATER RECLAMATION FACILITY
GENERATOR REPLACEMENT
ELECTRICAL
**SITE PLAN
AREA 19**

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

JOB NO.
10548A.10
DRAWING NO.
GE-SE-19
SHEET NO.
12 OF 38



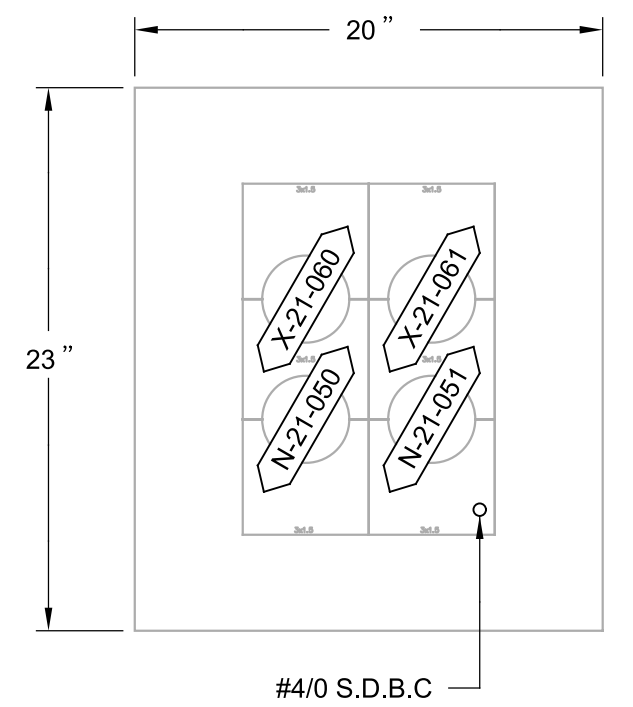
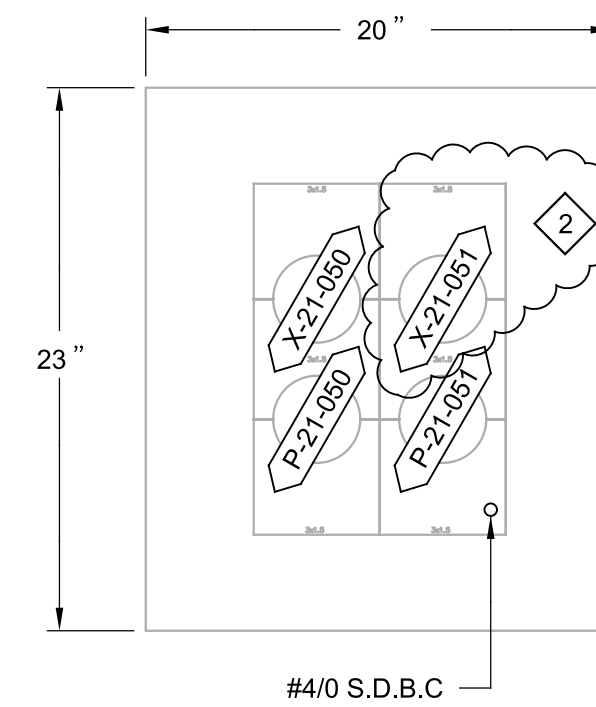
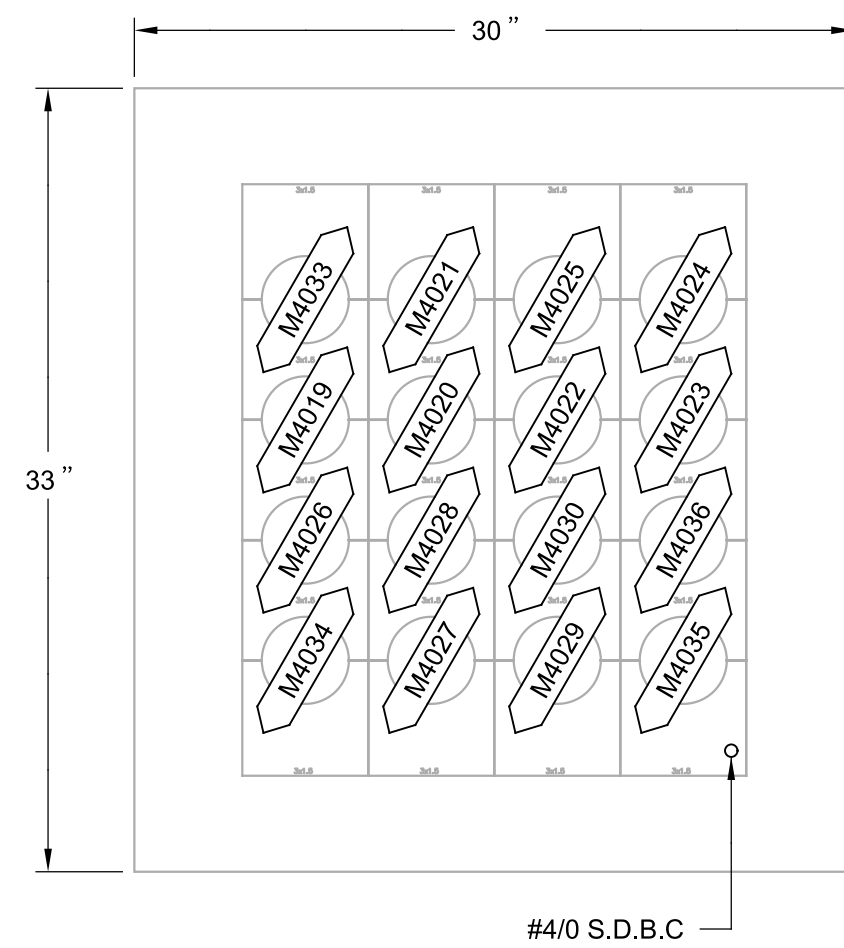
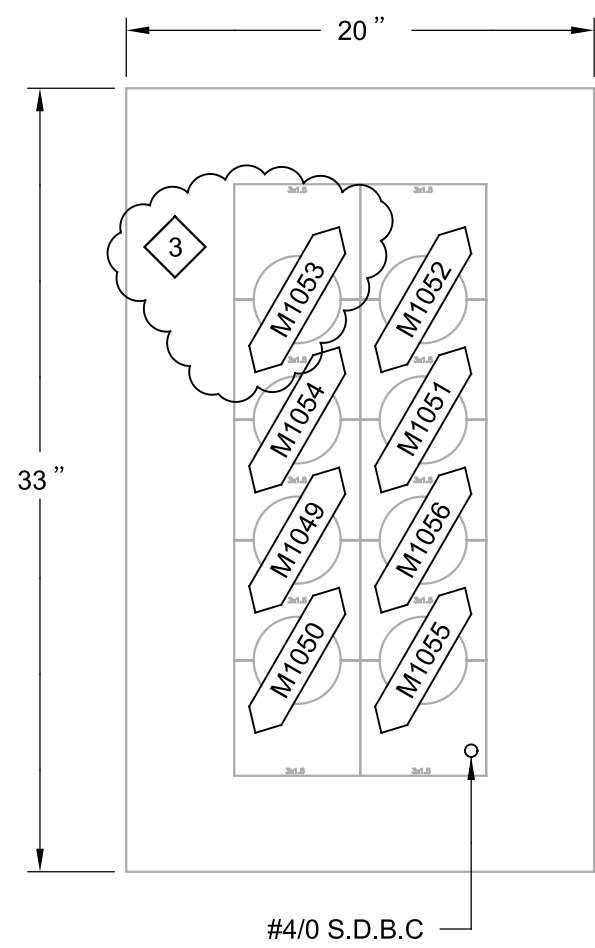
1. CLOUDED WORK INDICATES WORK THIS PROJECT.

1. RETAG CONDUIT X-21-001 AS P-21-900.
2. RETAG CONDUIT X-21-051 AS P-21-901.
3. RETAG CONDUIT M1053 AS P-21-902.
4. RETAG CONDUIT M1044 AS P-21-903.

42 EXISTING DUCT BANK SECTION

E13-1, GE-SE-19

GE-SE-19



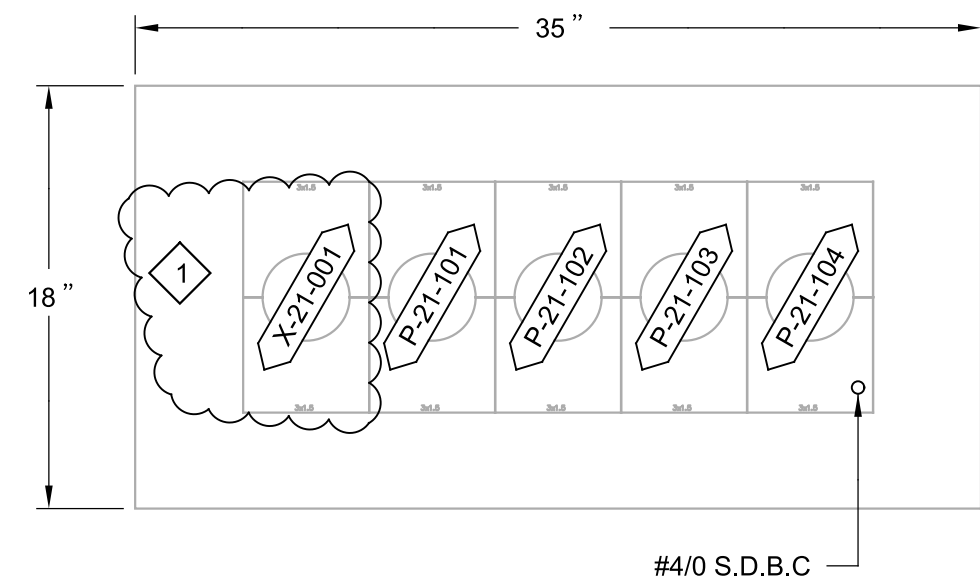
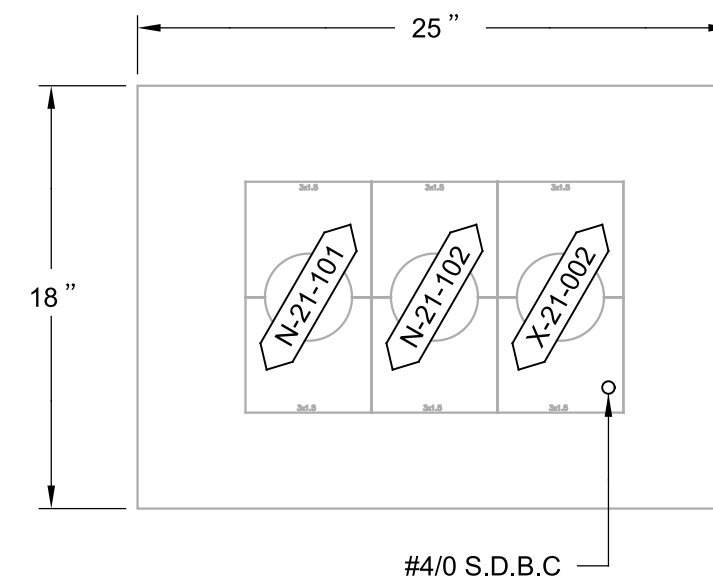
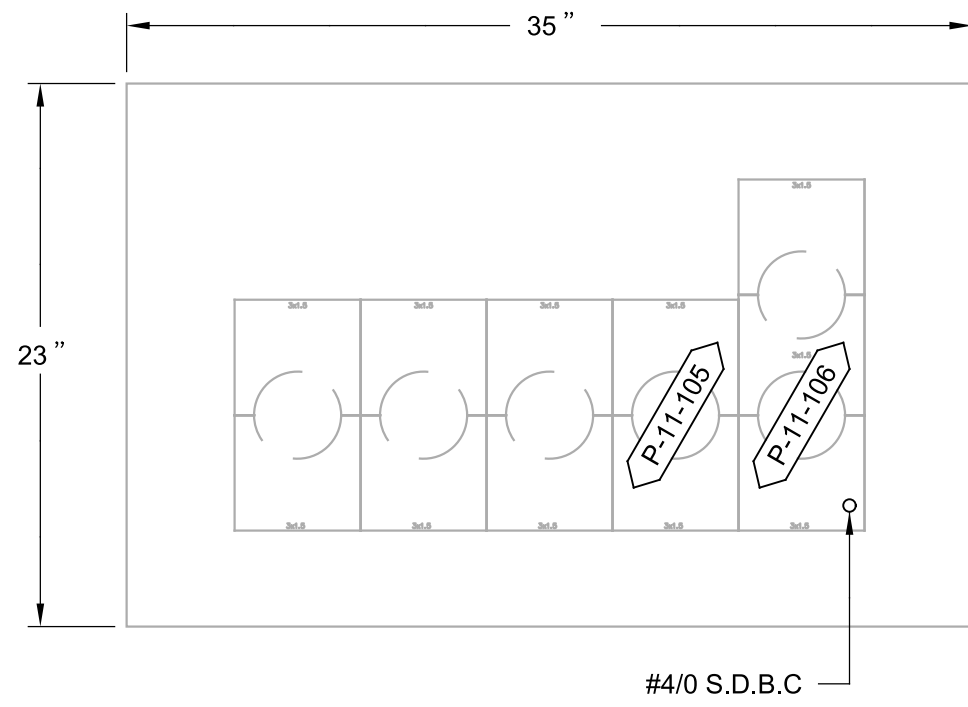
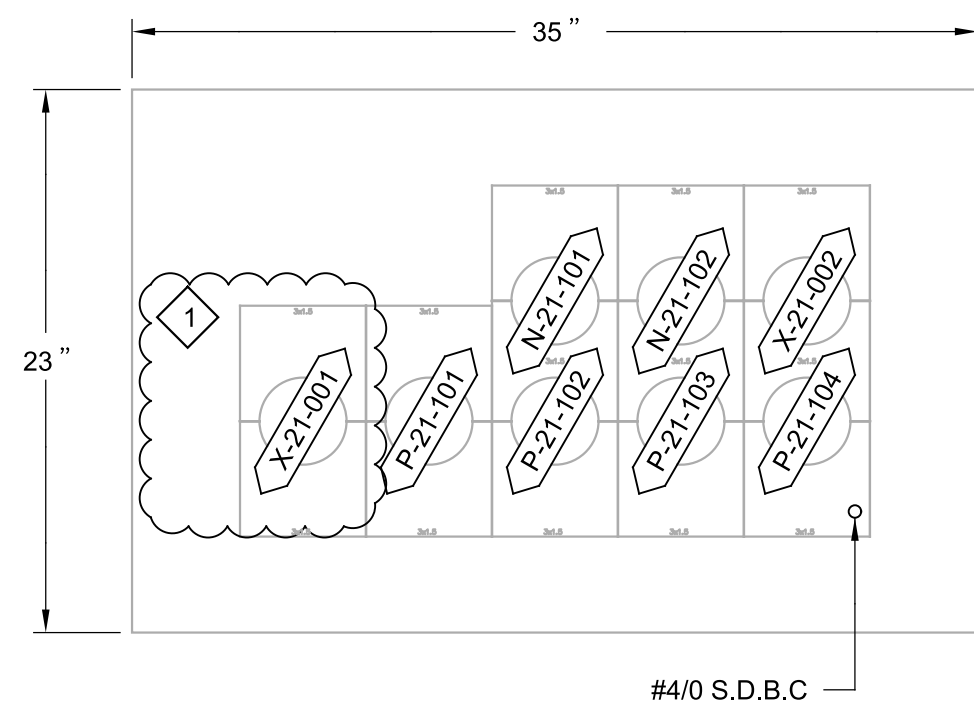
88 DUCT BANK SECTION

GE-SE-19

GE-SE-19

GE-SE-19

— GE-SE-19



93 DUCT BANK SECTION

— GE-SE-19

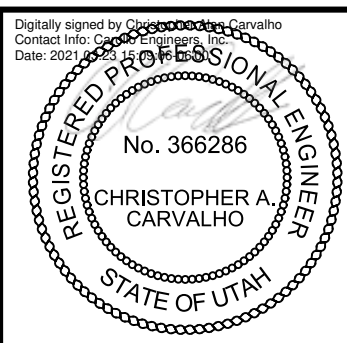
GE-SE-18

E21-1

E21-1

REV	DATE	BY	DESCRIPTION

DESIGNED
CAC
DRAWN
AAW
CHECKED
BJR
DATE
MARCH 2021



SOUTH VALLEY WATER RECLAMATION FACILITY

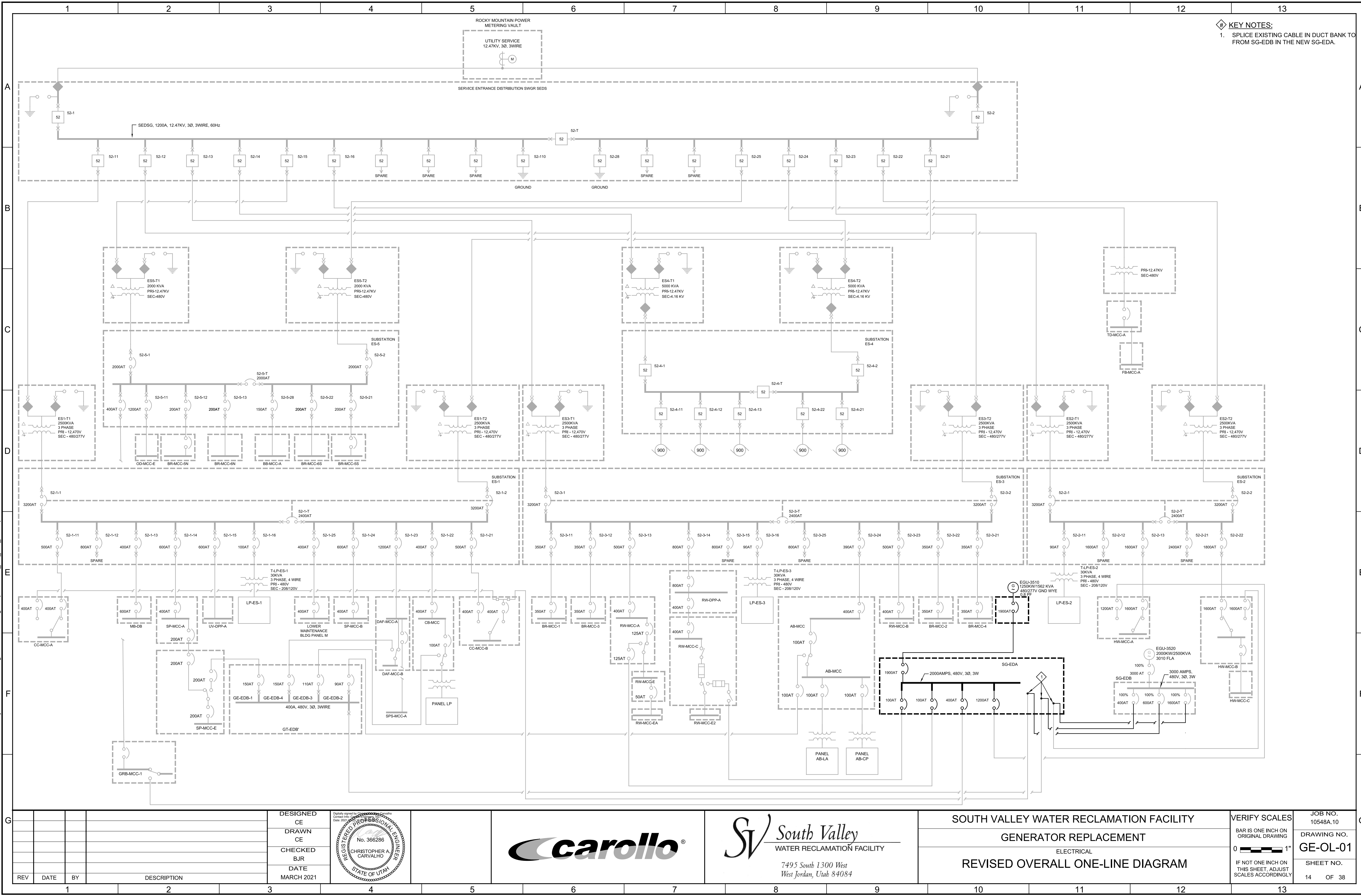
GENERATOR REPLACEMENT

ELECTRICAL

DUCT BANK SECTIONS

JOB NO. 10548A.10	C
DRAWING NO. GE-SE-37	
SHEET NO. 13 OF 38	

Plot Date: 15-MAR-2021 2:28:58 PM
User: svcPW
Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen PlotScale: 1:1
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KEY NOTES:
1. SPLICE EXISTING CABLE IN DUCT BANK TO FROM SG-EDB IN THE NEW SG-EDA.

REV	DATE	BY	DESCRIPTION

DESIGNED
CE
DRAWN
CE
CHECKED
BJR
DATE
MARCH 2021

REGISTERED PROFESSIONAL ENGINEER

CHRISTOPHER A CARVALHO

STATE OF UTAH

South Valley

WATER RECLAMATION FACILITY

7495 South 1300 West

West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION FACILITY

GENERATOR REPLACEMENT

ELECTRICAL

REVISED OVERALL ONE-LINE DIAGRAM

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

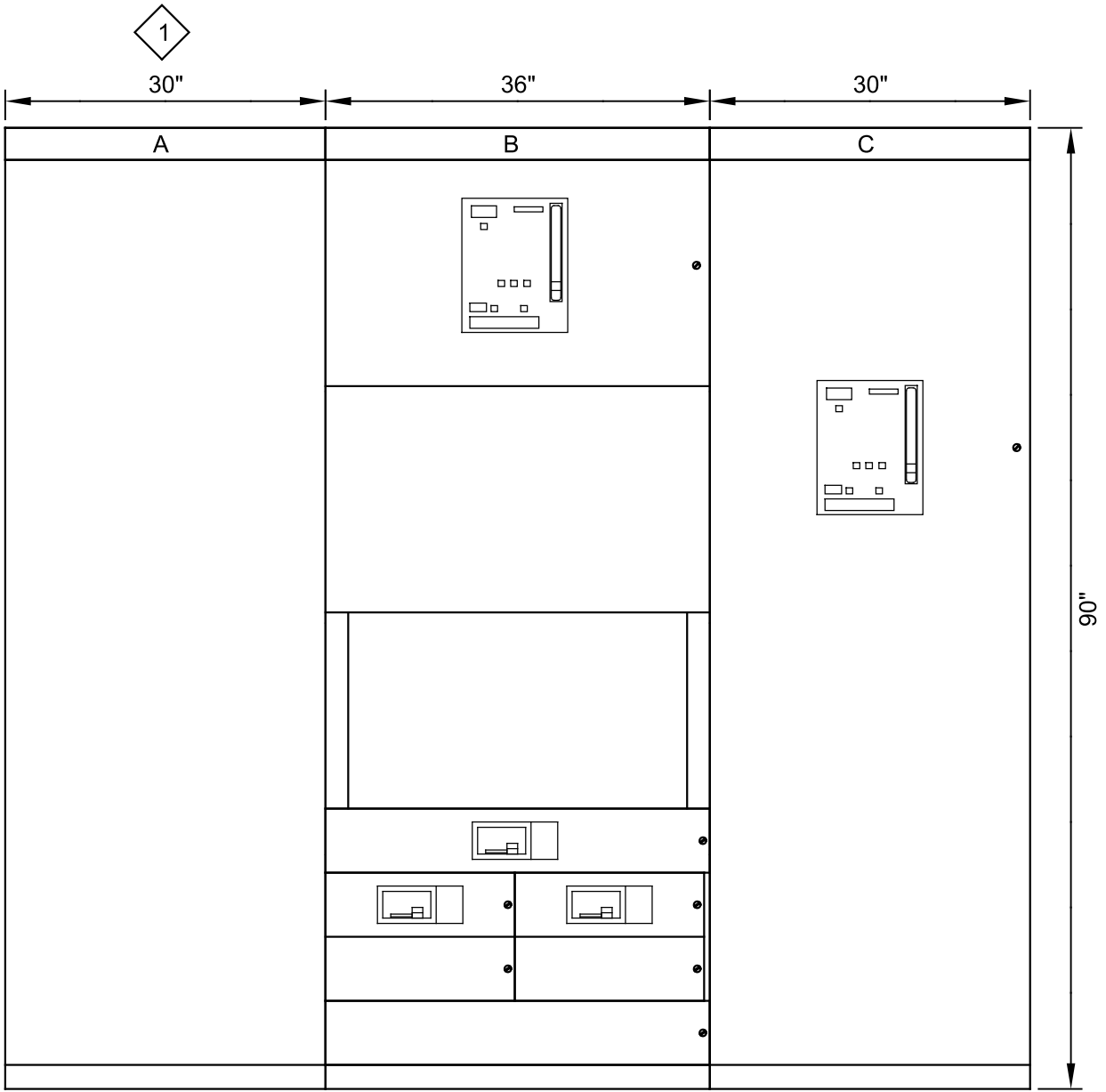
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.
10548A.10

DRAWING NO.
GE-OL-01

SHEET NO.
14 OF 38

Plot Date: 15-MAR-2021 2:34:35 PM User: svcPW Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo_Sld_Pen_v0905.pen PlotScale: 1:1 LAST SAVED BY: stfuckles



FRONT VIEW

SCALE: 3/4"=1'-0"
FILE:

- | | | |
|-----------|---|--------------------------|
| A1- SPACE | B1- HW-MCC-A | C1- MAIN CIRCUIT BREAKER |
| | B2- SPACE | |
| | B3- SPACE | |
| | B4- GRB-MCC-1 | |
| | B5L- RW-MCC-E
VIA TRANSFER
SWITCH
IN RW-MCC-A | |
| | B5R- RW-MCC-E2
VIA TRANSFER
SWITCH
IN RW-MCC-C | |
| | B6- SPACE | |
| | B7- SPACE | |

KEY NOTES:

1. ADDITIONAL 30"W STRUCTURE TO COVER CONDUITS ON EXISTING EQUIPMENT PAD. EXISTING CABLES ROUTED FROM SG-EDB IN DUCT BANK WILL BE SPLICED TO NEW CABLES IN THE REAR OF NEW SG-EDA.

REV	DATE	BY	DESCRIPTION

DESIGNED CE
DRAWN CE
CHECKED BJR
DATE MARCH 2021

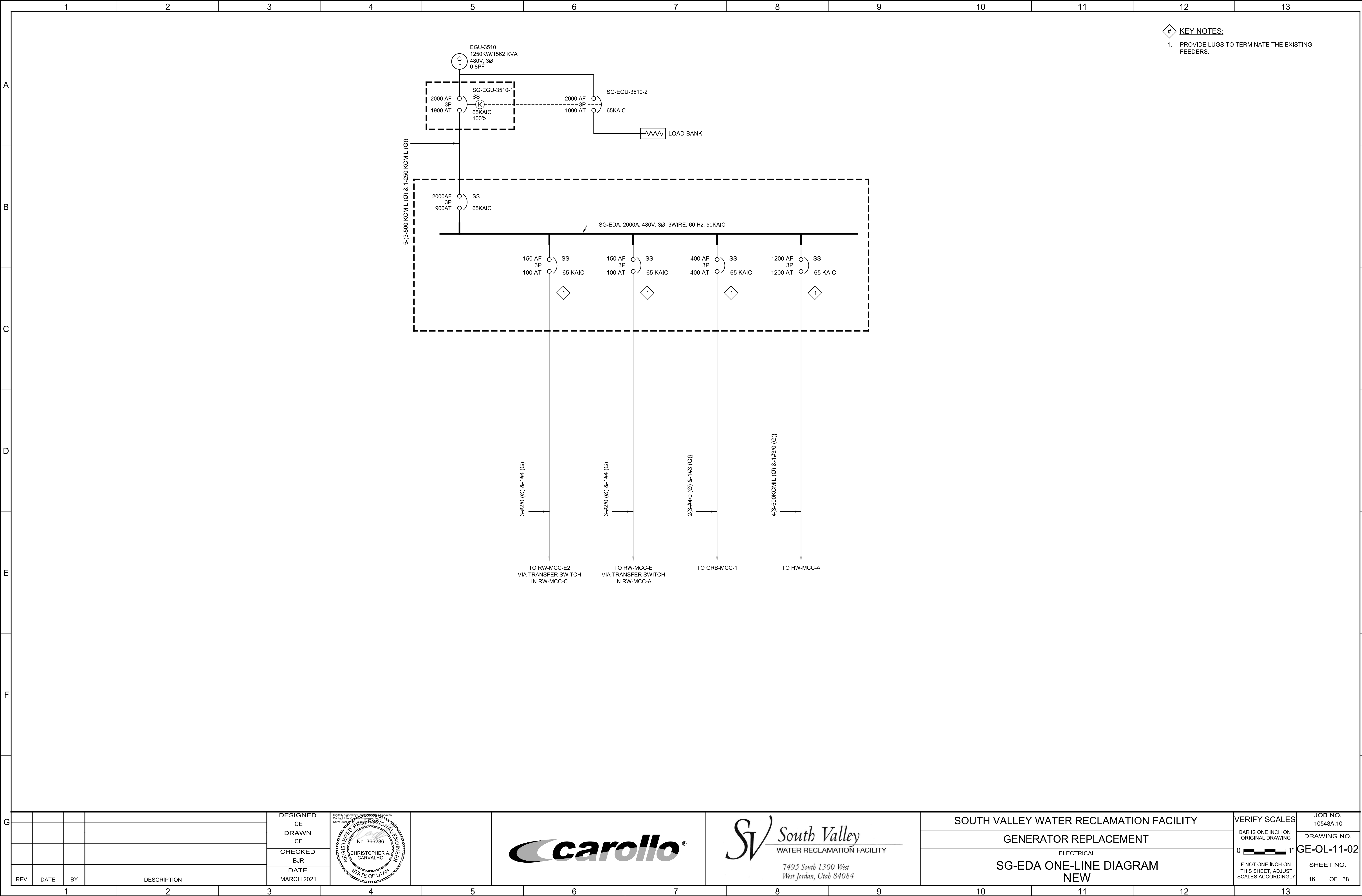


SOUTH VALLEY WATER RECLAMATION FACILITY
GENERATOR REPLACEMENT
ELECTRICAL
SG-EDA ELEVATION
NEW

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

JOB NO. 10548A.10
DRAWING NO. GE-OL-11-01
SHEET NO. 15 OF 38

Plot Date: 22-MAR-2021 6:44:37 AM
User: svcPW
Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo_Sld_Pen_v0905.pen PlotScale: 1:1
LAST SAVED BY: stfuckles



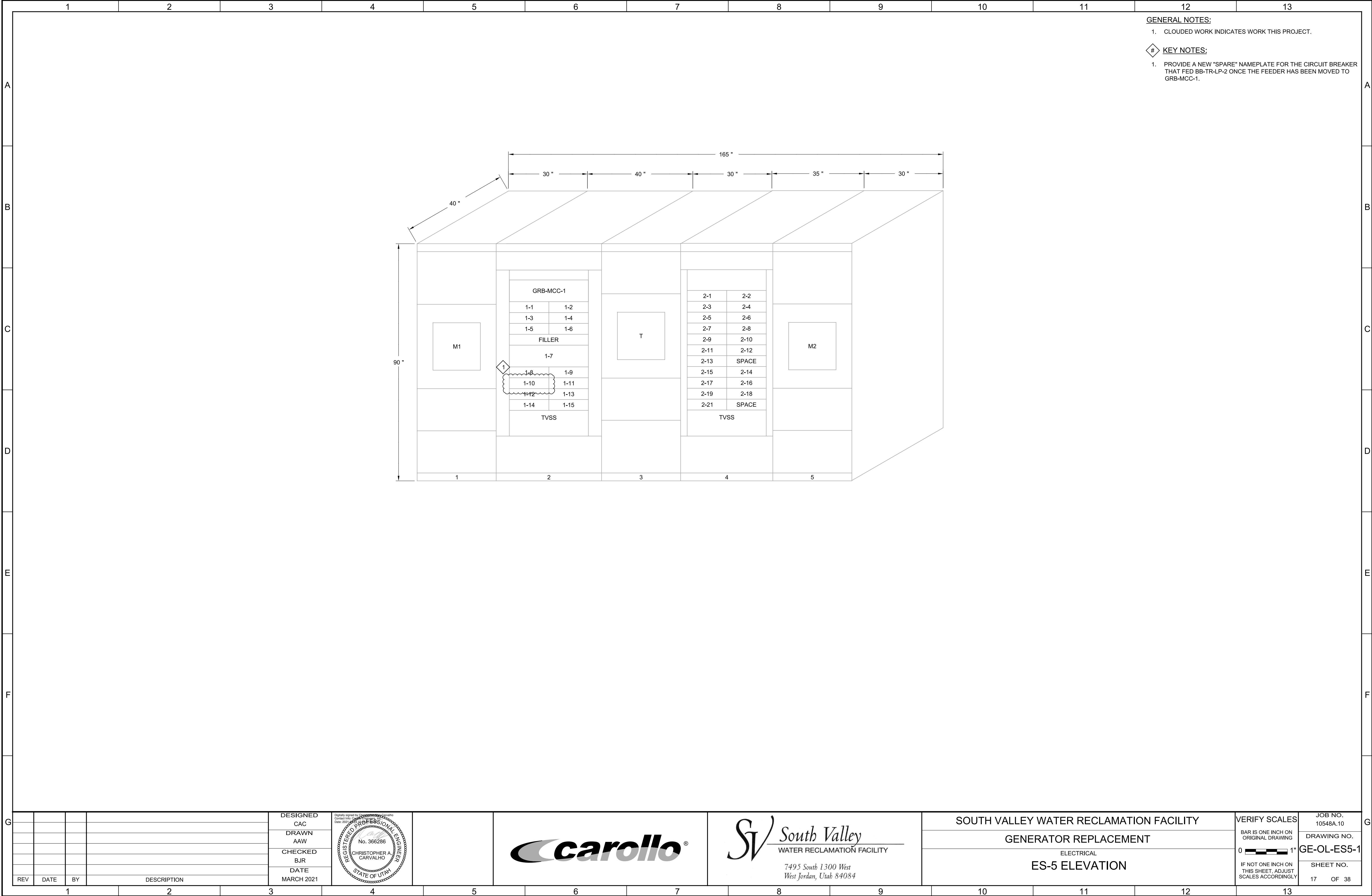
REV	DATE	BY	DESCRIPTION

DESIGNED CE
DRAWN CE
CHECKED BJR
DATE MARCH 2021

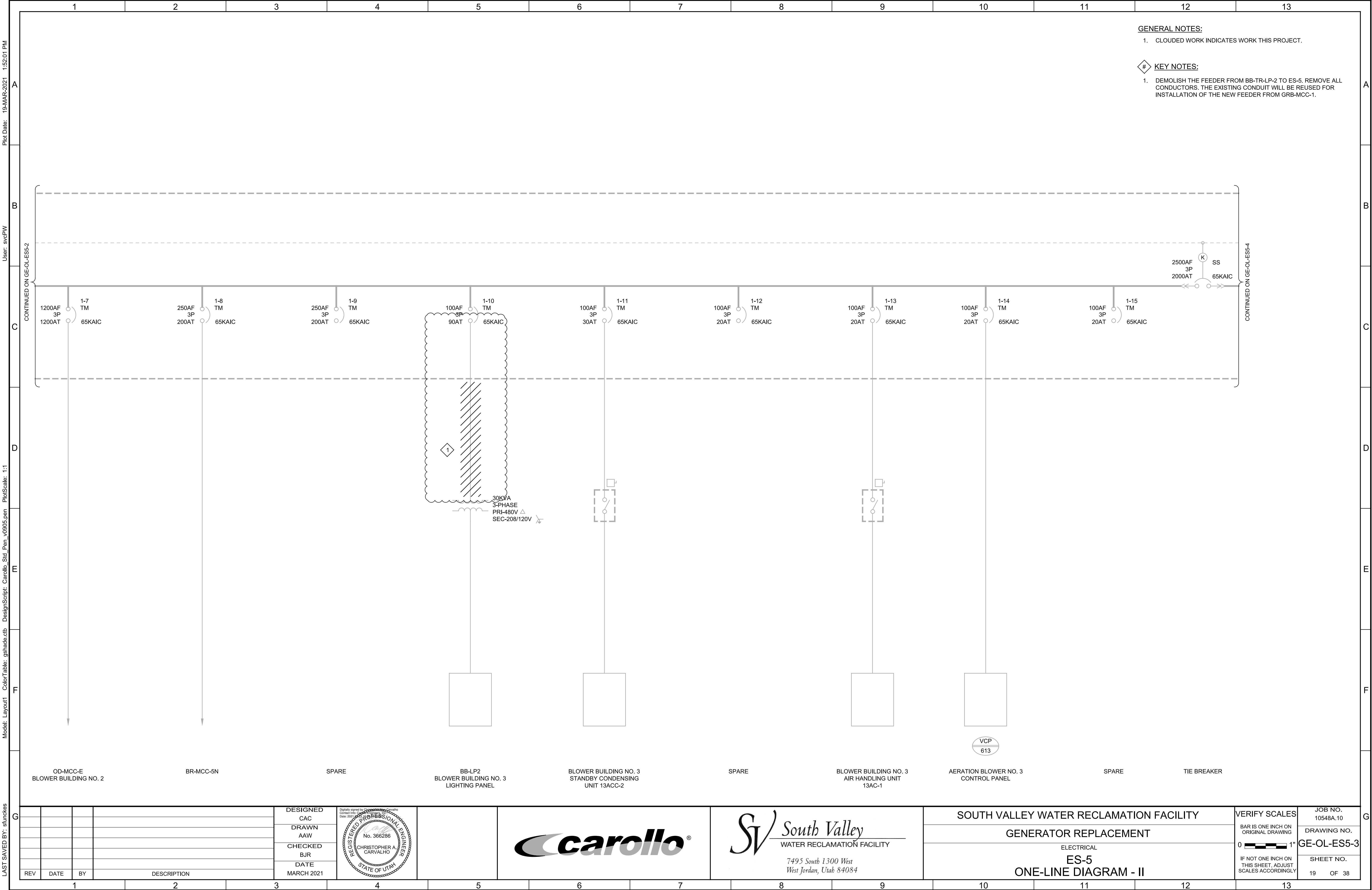


SOUTH VALLEY WATER RECLAMATION FACILITY
GENERATOR REPLACEMENT
ELECTRICAL
SG-EDA ONE-LINE DIAGRAM NEW

VERIFY SCALES	JOB NO. 10548A.10
BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. GE-OL-11-02
0 1"	SHEET NO. 16 OF 38
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	

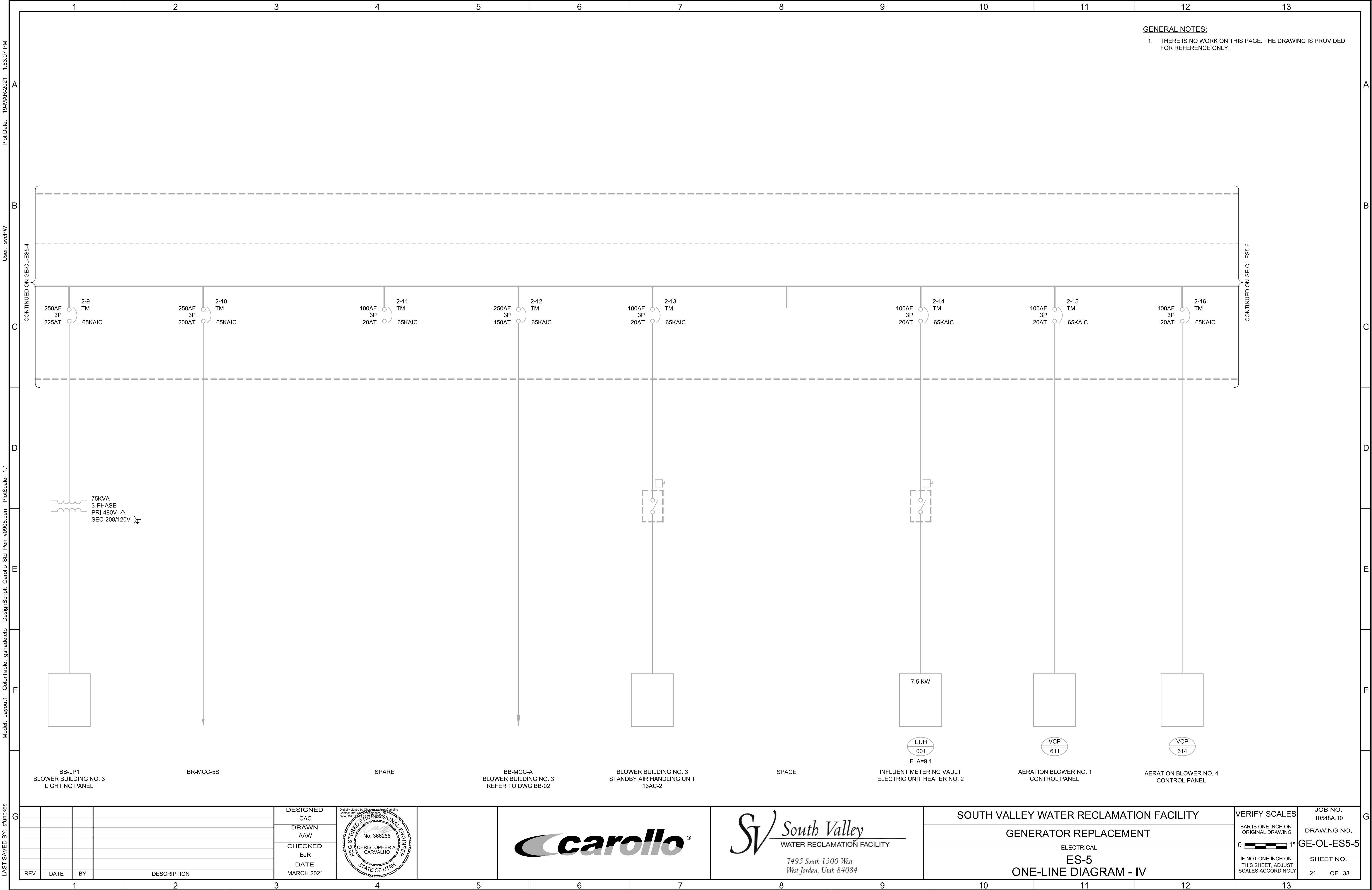


LAST SAVED BY: stunkless

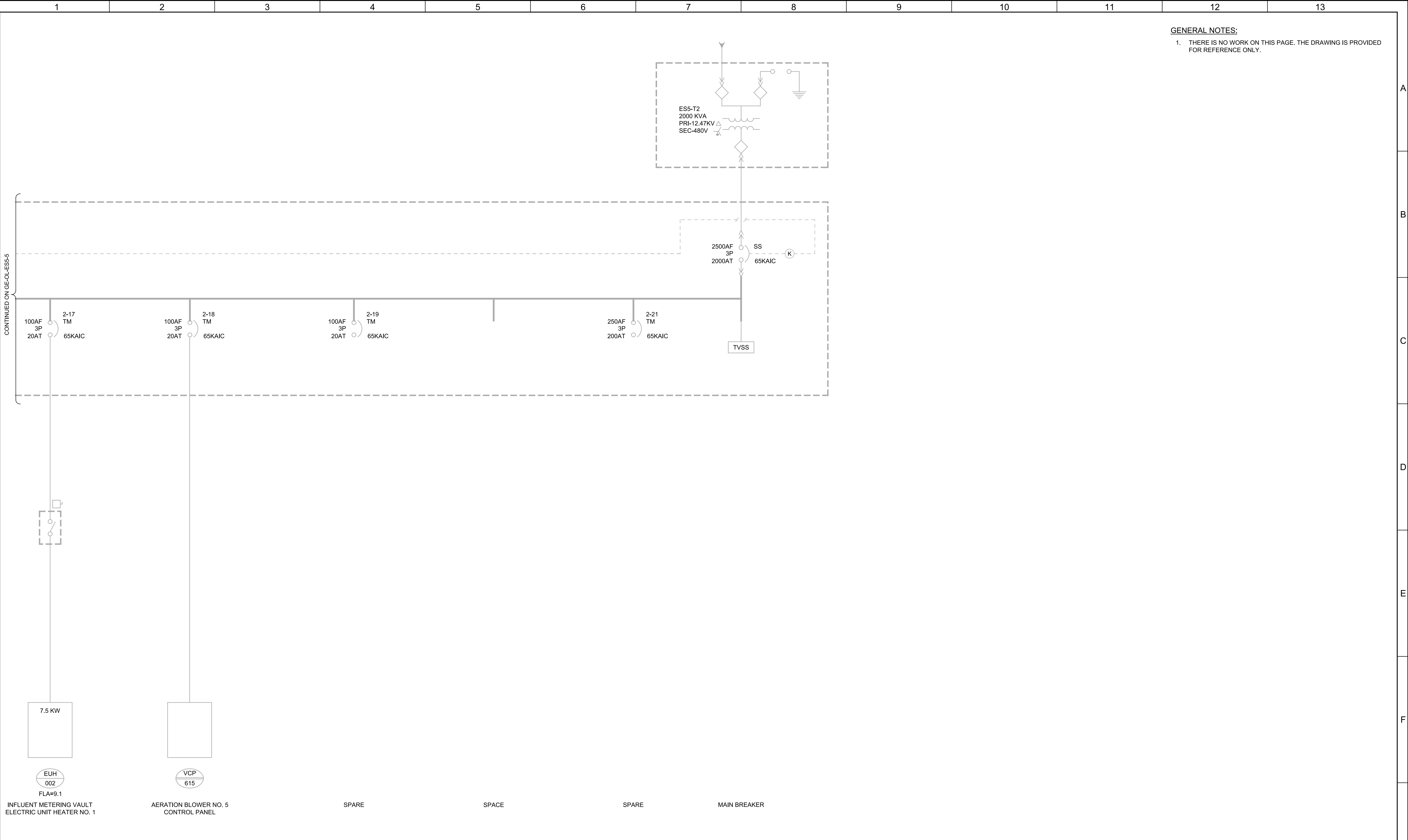




VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING  IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	JOB NO. 10548A.10
	DRAWING NO. GE-OL-ES5-4
	SHEET NO. 20 OF 38



Plot Date: 19-MAR-2021 1:53:00 PM
User: svcPW
Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen PlotScale: 1:1
LAST SAVED BY: stfuckles



DESIGNED CAC				DRAWN AAW				CHECKED BJR				DATE MARCH 2021			
REV				DATE				BY				DESCRIPTION			
1				2				3				4			

7.5 KW

EUH
002
FLA=9.1

INFLUENT METERING VAULT
ELECTRIC UNIT HEATER NO. 1

VCP
615

AERATION BLOWER NO. 5
CONTROL PANEL

SPARE

SPACE

SPARE

MAIN BREAKER

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

carollo®

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

SOUTH VALLEY WATER RECLAMATION FACILITY

GENERATOR REPLACEMENT

ELECTRICAL

ES-5
ONE-LINE DIAGRAM - V

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

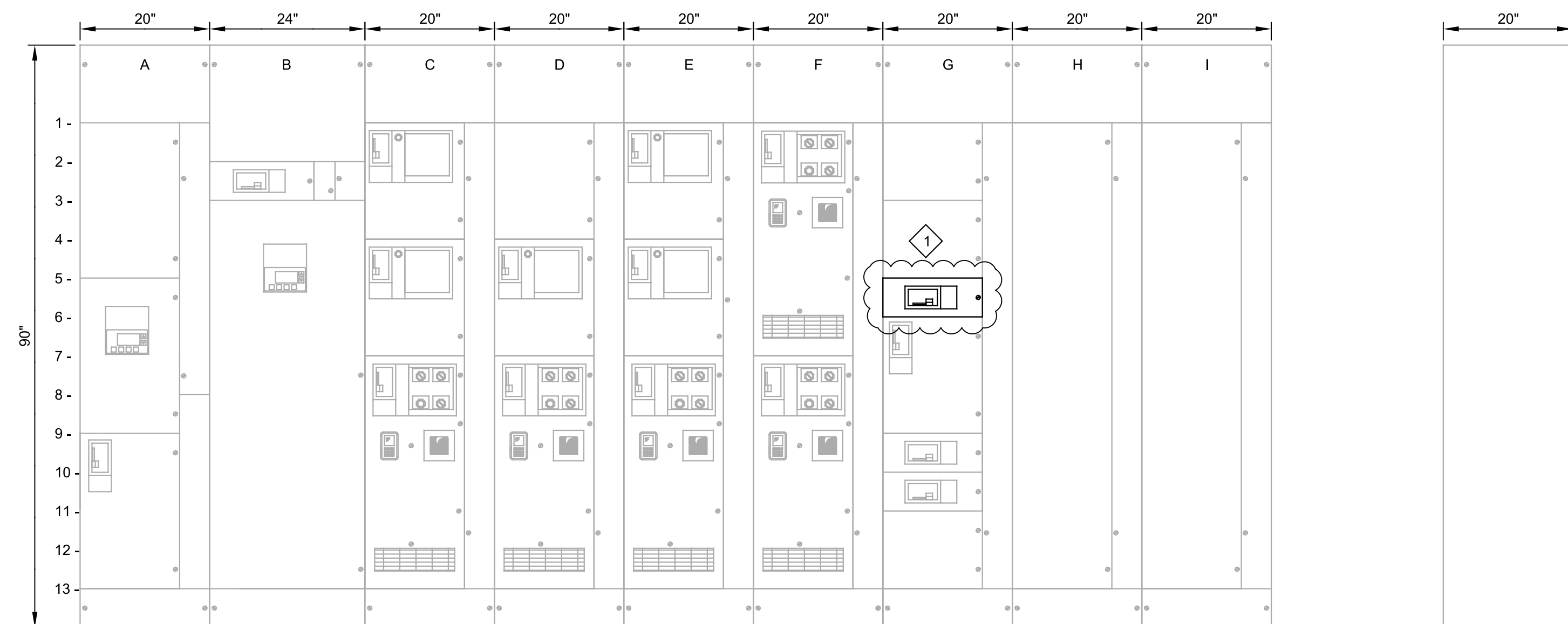
JOB NO.
10548A.10

DRAWING NO.
GE-OL-ES5-6

SHEET NO.
22 OF 38

PROJECT NO. 10548A10

FILE NAME: 10548A10_P2_GEOLESS06.dgn



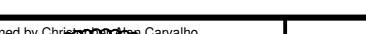
FRONT VIEW

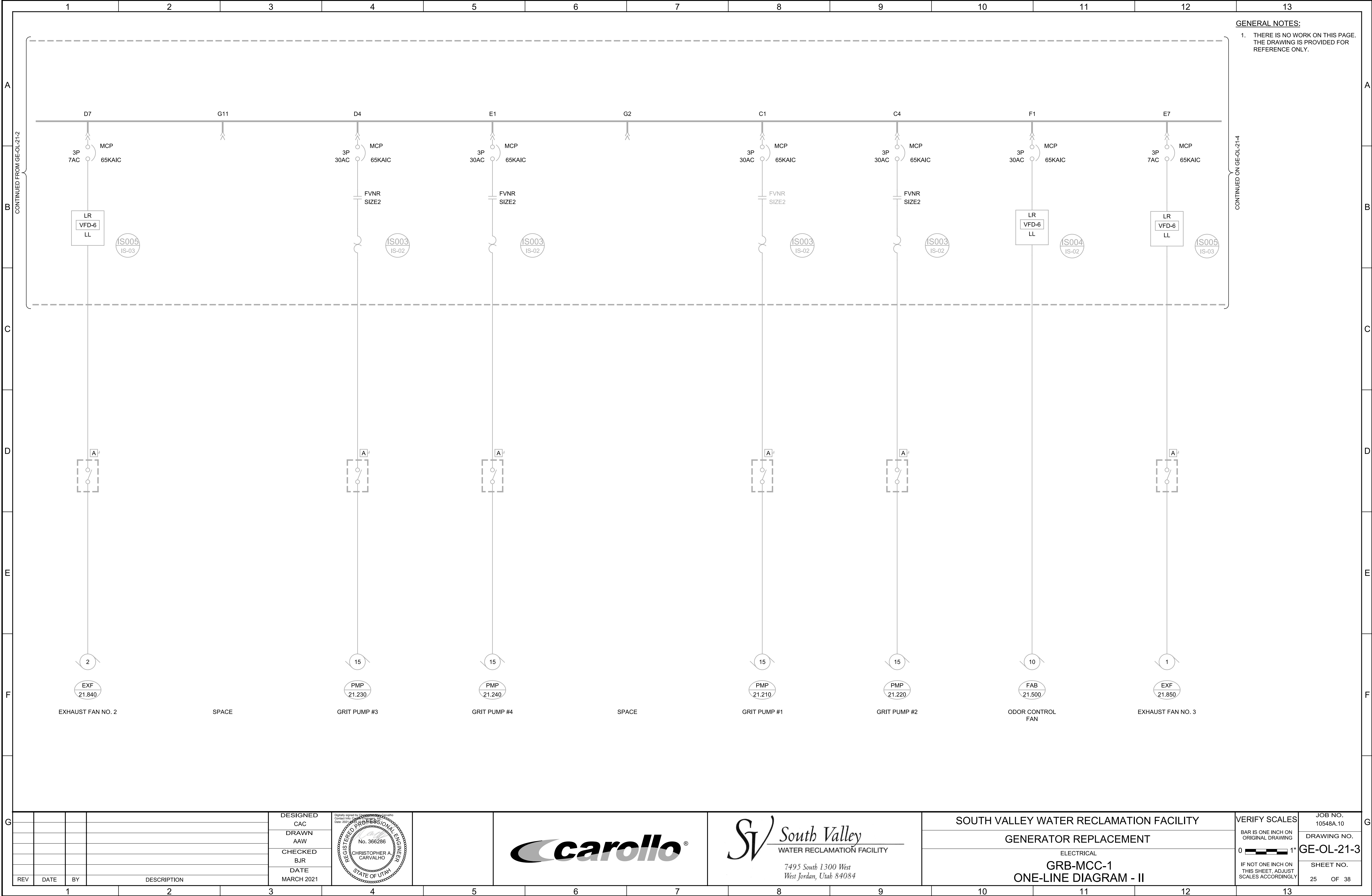
SCALE: 3/4"=1'-0"
FILE: 10548A1003E627

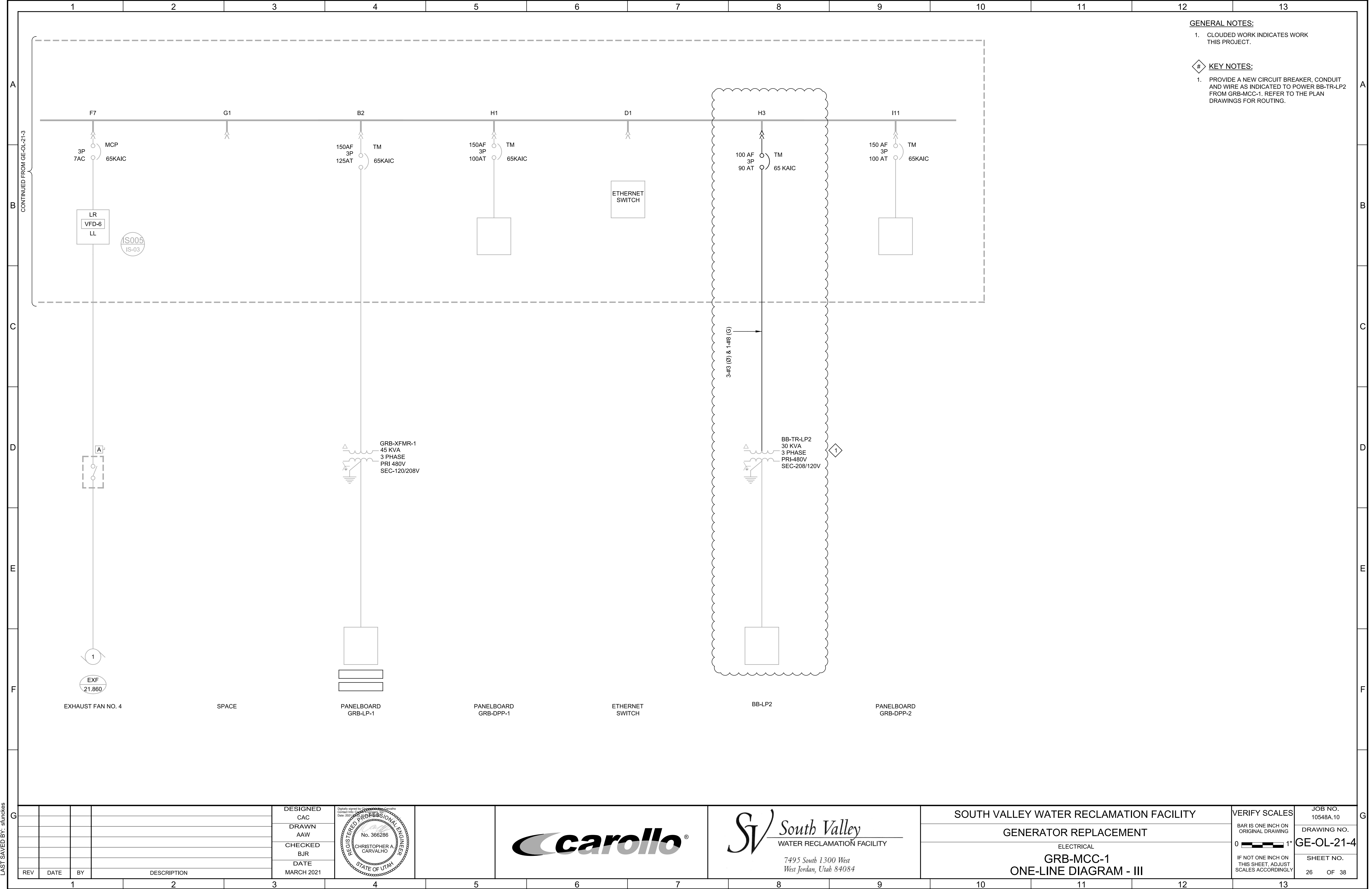
SIDE VIEW

SCALE: 3/4"=1'-0"
FILE: 10548A1003E627

[illegible]

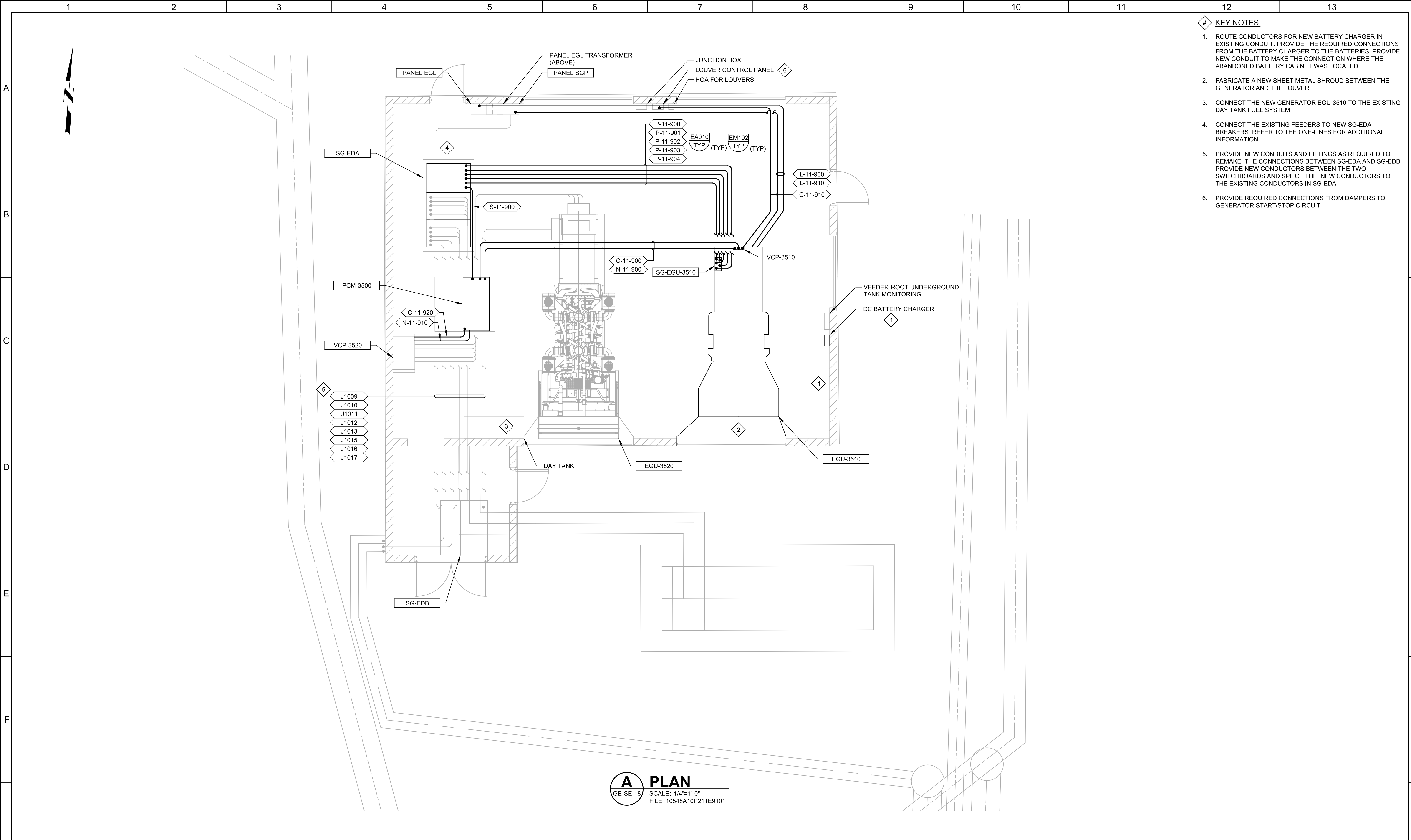
G					DESIGNED CAC	Drafting signed by Christopher A. Carvalho Contact Info: 801-466-1000 Lower 48: 801-466-1000 			SOUTH VALLEY WATER RECLAMATION FACILITY		VERIFY SCALES	JOB NO. 10548A.10
					DRAWN AAW				BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.		
					CHECKED BJR				0  1"	GE-OL-21-1		
					DATE MARCH 2021				IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NO.		
	REV	DATE	BY	DESCRIPTION						23 OF 38		





LAST SAVED BY: stunches

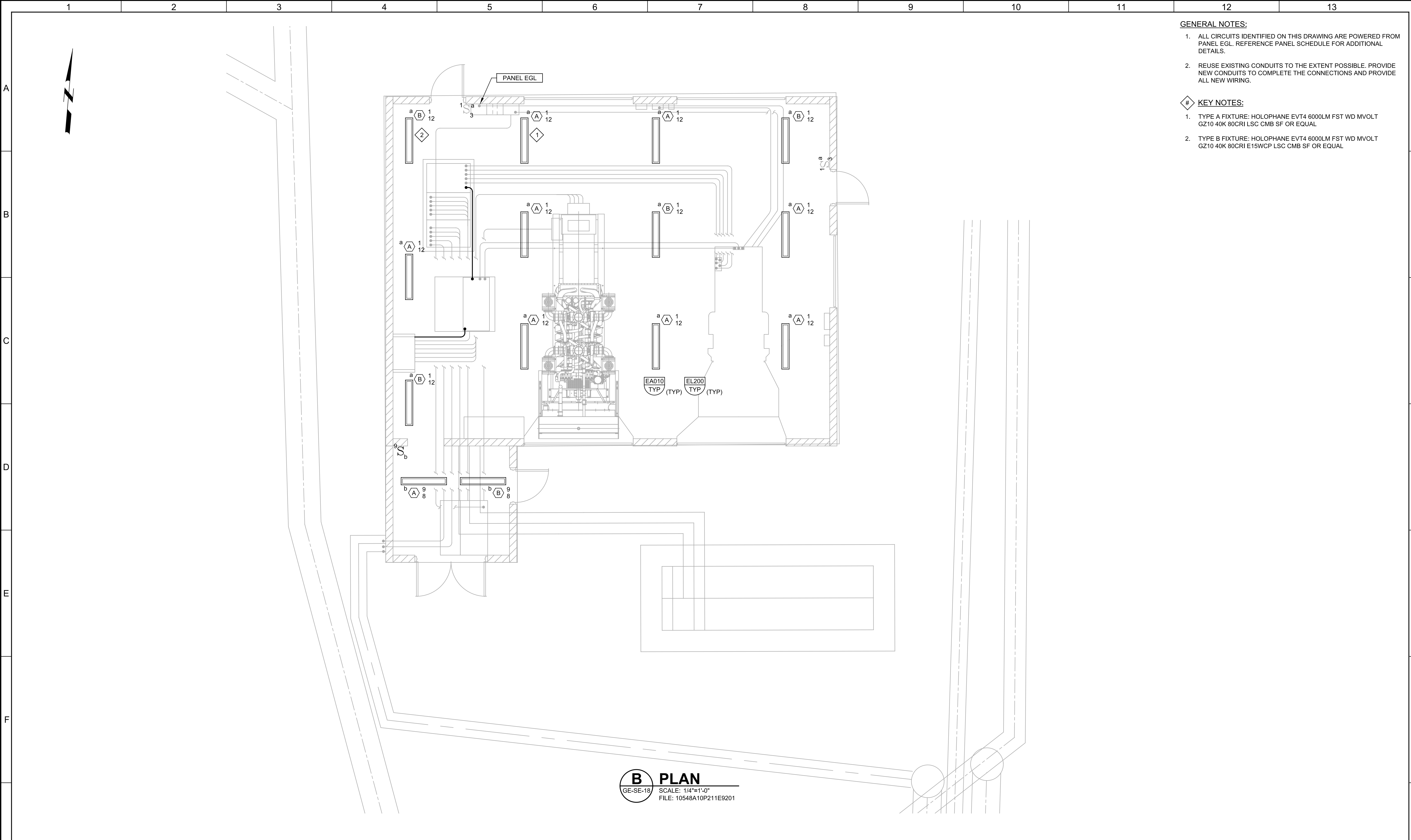
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User: svcPW
Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen PlotScale: 1:1
LAST SAVED BY: stfuckles



A PLAN
GE-SE-18 SCALE: 1/4"=1'-0"
FILE: 10548A10P211E9101

				DESIGNED CAC														SOUTH VALLEY WATER RECLAMATION FACILITY				VERIFY SCALES	JOB NO. 10548A.10
				DRAWN EYJ														GENERATOR REPLACEMENT				BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.
				CHECKED BJR														ELECTRICAL				0 1"	11E01
				DATE MARCH 2021														EMERGENCY GENERATOR BUILDING PLAN				IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NO.
REV	DATE	BY	DESCRIPTION																				27 OF 38
1																							

Plot Date: 15-MAR-2021 3:08:57 PM
User: svcPW
Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen_v0905.pen PlotScale: 1:1
LAST SAVED BY: stfuckles



- GENERAL NOTES:**
- ALL CIRCUITS IDENTIFIED ON THIS DRAWING ARE POWERED FROM PANEL EGL. REFERENCE PANEL SCHEDULE FOR ADDITIONAL DETAILS.
 - REUSE EXISTING CONDUITS TO THE EXTENT POSSIBLE. PROVIDE NEW CONDUITS TO COMPLETE THE CONNECTIONS AND PROVIDE ALL NEW WIRING.
- # KEY NOTES:**
- TYPE A FIXTURE: HOLOPHANE EVT4 6000LM FST WD MVOLT GZ10 40K 80CRI LSC CMB SF OR EQUAL
 - TYPE B FIXTURE: HOLOPHANE EVT4 6000LM FST WD MVOLT GZ10 40K 80CRI E15WCP LSC CMB SF OR EQUAL

B PLAN
GE-SE-18 SCALE: 1/4"=1'-0"
FILE: 10548A10P211E9201

G					DESIGNED CAC	Digitally signed by Christopher A. Carvalho Contact Info: 801-222-1111 www.carollo.com 	 SV South Valley WATER RECLAMATION FACILITY 7495 South 1300 West West Jordan, Utah 84084	SOUTH VALLEY WATER RECLAMATION FACILITY		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0  1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY		JOB NO. 10548A.10	
	DRAWING NO. 11E02												
	SHEET NO. 28 OF 38												
REV	DATE	BY	DESCRIPTION		DATE MARCH 2021								

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