



South Valley

WATER RECLAMATION FACILITY

**SOUTH VALLEY WATER RECLAMATION FACILITY
WEST JORDAN, UTAH**

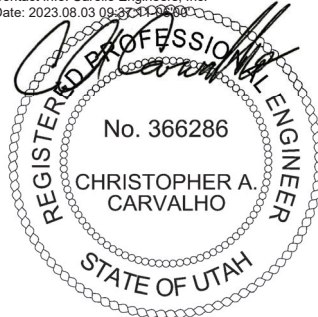
2023 VFD REPLACEMENT PROJECT

CLIENT PROJECT NO. 201238

**ADDENDUM NO. 1
TO THE
CONTRACT DOCUMENTS**

AUGUST 3, 2023

Digitally signed by Christopher Alan Carvalho
Contact Info: Carollo Engineers, Inc.
Date: 2023.08.03 09:37:11 -0500



Bidders on the above-named project are hereby notified that the Bidding Documents are modified as indicated below. Bidders are required to acknowledge receipt of this Addendum in the space provided on Document 00300 - Bid Form.

This Addendum shall become part of the Contract and provisions of the Contract apply.

DRAWINGS

The following drawings are modified as indicated below.

1. DRAWING 1-CS-01:
 - a. REPLACE drawing in its entirety with the attached drawing.
2. DRAWING 1-CS-02:
 - a. REPLACE drawing in its entirety with the attached drawing.
3. DRAWING 1-CS-03:
 - a. REPLACE drawing in its entirety with the attached drawing.
4. DRAWING 17-CS-01:
 - a. REPLACE drawing in its entirety with the attached drawing.

CONDUIT SCHEDULE AREA 1

2022 VFD REPLACEMENT PROJECT

HEADWORKS

7/31/23

CONDUIT			CONDUCTORS			GROUND			DESCRIPTION	CONNECTING SEGMENTS
NUMBER	DWG	SIZE	#	SIZE	TYPE	#	SIZE	TYPE		
A1001	1E-03	3"	6 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: HW-P-7 TO: JUNCTION BOX HW-P-7 3 #4/0 >> HW-P-7 POWER 3 #4/0 >> HW-P-7 POWER 2 #12 >> MWH-HW-P7 2 #14 >> TSH-HW-P7	
A1002	1E-01 1E-03	2"	3 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX HW-P-7 TO: JUNCTION BOX 3 #4/0 >> HW-P-7 POWER 2 #12 >> MWH-HW-P7 2 #14 >> TSH-HW-P7	
A1003	1E-01 1E-03	2"	3	#4/0	XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX HW-P-7 TO: JUNCTION BOX 3 #4/0 >> HW-P-7 POWER	
A1004	1E-03	3"	6 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: HW-P-6 TO: JUNCTION BOX HW-P-6 3 #4/0 >> HW-P-6 POWER 3 #4/0 >> HW-P-6 POWER 2 #12 >> MWH-HW-P6 2 #14 >> TSH-HW-P6	
A1005	1E-01 1E-03	2"	3 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX HW-P-6 TO: JUNCTION BOX 3 #4/0 >> HW-P-6 POWER 2 #12 >> MWH-HW-P6 2 #14 >> TSH-HW-P6	A1105
A1006	1E-01 1E-03	2"	3	#4/0	XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX HW-P-6 TO: JUNCTION BOX 3 #4/0 >> HW-P-6 POWER	A1104
A1007	1E-03	3"	6 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: HW-P-5 TO: JUNCTION BOX HW-P-5 3 #4/0 >> HW-P-5 POWER 3 #4/0 >> HW-P-5 POWER 2 #12 >> MWH-HW-P5 2 #14 >> TSH-HW-P5	
A1008	1E-01 1E-03	2"	3 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX HW-P-5 TO: HW-VFD-5 (VIA J-BOX) 3 #4/0 >> HW-P-5 POWER 2 #12 >> MWH-HW-P5 2 #14 >> TSH-HW-P5	
A1009	1E-01 1E-03	2"	3	#4/0	XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX HW-P-5 TO: HW-VFD-5 (VIA J-BOX) 3 #4/0 >> HW-P-5 POWER	
A1010	1E-03	3"	6 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: HW-P-4 TO: JUNCTION BOX HW-P-4 3 #4/0 >> HW-P-4 POWER 3 #4/0 >> HW-P-4 POWER 2 #12 >> MWH-HW-P4 2 #14 >> TSH-HW-P4	
A1011	1E-03	2"	3 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX HW-P-4 TO: HW-VFD-4 3 #4/0 >> HW-P-4 POWER 2 #12 >> MWH-HW-P4 2 #14 >> TSH-HW-P4	
A1012	1E-03	2"	3	#4/0	XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX HW-P-4 TO: HW-VFD-4 3 #4/0 >> HW-P-4 POWER	
A1014	1E-03	2"	3 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: HW-P-3 TO: HW-VFD-3 3 #4/0 >> HW-P-3 POWER 2 #12 >> MWH-HW-P3 2 #14 >> TSH-HW-P3	
A1015	1E-03	2"	3	#4/0	XHHW-2	1	#2	XHHW-2	FR: HW-P-3 TO: HW-VFD-3 3 #4/0 >> HW-P-3 POWER	
A1017	1E-03	2"	3 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: HW-P-2 TO: HW-VFD-2 3 #4/0 >> HW-P-2 POWER 2 #12 >> MWH-HW-P2 2 #14 >> TSH-HW-P2	

CONDUIT SCHEDULE AREA 1

2022 VFD REPLACEMENT PROJECT

HEADWORKS

7/31/23


CONDUIT			CONDUCTORS			GROUND			DESCRIPTION	CONNECTING SEGMENTS
NUMBER	DWG	SIZE	#	SIZE	TYPE	#	SIZE	TYPE		
A1018	1E-03	2"	3	#4/0	XHHW-2	1	#2	XHHW-2	FR: HW-P-2 TO: HW-VFD-2 3 #4/0 >> HW-P-2 POWER	
A1019	1E-01 1E-02	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-7 TO: HW-MCC-A 3 250 >> HW-P-7 POWER (VIA WIREWAY)	
A1020	1E-01 1E-02	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-7 TO: HW-MCC-A 3 250 >> HW-P-7 POWER (VIA WIREWAY)	
A1021	1E-01 1E-02	3.5"	6	350	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-6 TO: HW-MCC-A 6 350 >> HW-P-6 POWER (VIA EX. WIREWAY)	
A1023	1E-02	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-4 TO: HW-MCC-A 3 250 >> HW-P-4 POWER	
A1024	1E-01	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-4 TO: HW-MCC-A 3 250 >> HW-P-4 POWER	
A1025	1E-03	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-5 TO: HW-MCC-B 3 250 >> HW-P-5 POWER	
A1026	1E-03	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-5 TO: HW-MCC-B 3 250 >> HW-P-5 POWER	
A1040	1E-03	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-2 TO: HW-MCC-B 3 250 >> HW-P-2 POWER	
A1041	1E-03	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-2 TO: HW-MCC-B 3 250 >> HW-P-2 POWER	
A1042	1E-03	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-3 TO: HW-MCC-B 3 250 >> HW-P-3 POWER	
A1043	1E-03	2.5"	3	250	XHHW-2	1	#2	XHHW-2	FR: HW-VFD-3 TO: HW-MCC-B 3 250 >> HW-P-3 POWER	
A1101	1E-01	2"	3 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX TO: HW-VFD-7 3 #4/0 >> HW-P-7 POWER 2 #12 >> MWH-HW-P7 2 #14 >> TSH-HW-P7	
A1102	1E-01	2"	3	#4/0	XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX TO: HW-VFD-7 3 #4/0 >> HW-P-7 POWER	
A1104	1E-01	3.5"	9 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX TO: HW-VFD-6 3 #4/0 >> HW-P-6 POWER 3 #4/0 >> HW-P-6 POWER 2 #12 >> MWH-HW-P6 3 #4/0 >> HW-P-6 POWER 2 #14 >> TSH-HW-P6	
A1105	1E-01	2"	3 2 2	#4/0 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#2	XHHW-2	FR: JUNCTION BOX TO: HW-VFD-6 3 #4/0 >> HW-P-6 POWER 2 #12 >> MWH-HW-P6 2 #14 >> TSH-HW-P6	

1

LAST SAVED BY: tncrablio

DESIGNED	CAC	DATE	8-02-23
DRAWN	BLS	DATE	
CHECKED	CLL	DATE	
BY		DATE	

DESIGNED BY: CAC
DRAWN BY: BLS
CHECKED BY: CLL
DATE: JULY 2023





7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION
2023 VFD REPLACEMENT
ELECTRICAL
HEADWORKS
CONDUIT SCHEDULE - 1

VERIFY SCALES	JOB NO. 201238
BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO. 1-CS-01
0 1" SCALE	SHEET NO. 70 OF 148

CONDUIT SCHEDULE AREA 1

7/31/23

2022 VFD REPLACEMENT PROJECT

HEADWORKS

CONDUIT			CONDUCTORS			GROUND			DESCRIPTION	CONNECTING SEGMENTS
NUMBER	DWG	SIZE	#	SIZE	TYPE	#	SIZE	TYPE		
A4023	1E-01	1.5"	16 4	#14 2/CS-#16	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 2/3 TO: EXISTING WIREWAY 2 2/CS-#16 >> LITA/LITB PLC-103 2 #14 >> ZSO-HW-P3 2 #14 >> LSLA3-HWP 2 #14 >> LSLB3-HWP 2 2/CS-#16 >> LITA/LITB PLC-102 2 #14 >> ZSO-HW-P2 2 #14 >> ZSC-HW-P2 2 #14 >> LSLA2-HWP 2 #14 >> LSLB2-HWP	
A4024	1E-01	1"	12	#14	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 2/3 TO: EXISTING WIREWAY 2 #14 >> PSH-HW-P3 2 #14 >> SWSOV-HW-P3 2 #14 >> CVSOV-HW-P3 2 #14 >> PSH-HW-P2 2 #14 >> SWSOV-HW-P2 2 #14 >> CVSOV-HW-P2	
A4025	1E-01	1"	8 2	#14 2/CS-#16	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 4 TO: EXISTING WIREWAY 2 2/CS-#16 >> LITA/LITB PLC-104 2 #14 >> ZSO-HW-P4 2 #14 >> ZSC-HW-P4 2 #14 >> LSLA4-HWP 2 #14 >> LSLB4-HWP	
A4026	1E-01	0.75"	6	#14	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 4 TO: EXISTING WIREWAY 2 #14 >> PSH-HW-P4 2 #14 >> SWSOV-HW-P4 2 #14 >> CVSOV-HW-P4	
A4027	1E-01	1"	8 2	#14 2/CS-#16	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 5 TO: EXISTING WIREWAY 2 2/CS-#16 >> LITA/LITB PLC-105 2 #14 >> ZSO-HW-P5 2 #14 >> ZSC-HW-P5 2 #14 >> LSLA5-HWP 2 #14 >> LSLB5-HWP	
A4028	1E-01	0.75"	6	#14	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 5 TO: EXISTING WIREWAY 2 #14 >> SWSOV-HW-P5 2 #14 >> PSH-HW-P5 2 #14 >> CVSOV-HW-P5	
A4029	1E-01	1"	8 2	#14 2/CS-#16	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 6 TO: EXISTING WIREWAY 2 2/CS-#16 >> LITA/LITB PLC-106 2 #14 >> ZSO-HW-P6 2 #14 >> ZSC-HW-P6 2 #14 >> LSLA6-HWP 2 #14 >> LSLB6-HWP	
A4030	1E-01	0.75"	6	#14	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 6 TO: EXISTING WIREWAY 2 #14 >> SWSOV-HW-P6 2 #14 >> PSH-HW-P6 2 #14 >> CVSOV-HW-P6	
A4031	1E-01	1"	8 2	#14 2/CS-#16	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 7 TO: WIREWAY 2 2/CS-#16 >> LITA/LITB PLC-107 2 #14 >> ZSO-HW-P7 2 #14 >> ZSC-HW-P7 2 #14 >> LSLA7-HWP 2 #14 >> LSLB7-HWP	
A4032	1E-01	0.75"	6	#14	XHHW-2	1	#14	XHHW-2	FR: CONTROL SECTION 7 TO: WIREWAY 2 #14 >> SWSOV-HW-P7 2 #14 >> PSH-HW-P7 2 #14 >> CVSOV-HW-P7	

CONDUIT SCHEDULE AREA 1

7/31/23

2022 VFD REPLACEMENT PROJECT

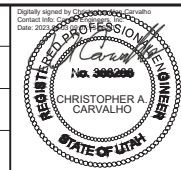
HEADWORKS

CONDUIT			CONDUCTORS			GROUND			DESCRIPTION	CONNECTING SEGMENTS
NUMBER	DWG	SIZE	#	SIZE	TYPE	#	SIZE	TYPE		
A4033	1E-01	3"	60 14	#14 2/CS-#16	XHHW-2	1	#14	XHHW-2	FR: WIREWAY TO: PCM-100 1 2/CS-#16 >> LITA-HWP SIGNAL 1 2/CS-#16 >> LITB-HWP SIGNAL 2 2/CS-#16 >> LITA/LITB PLC-102 2 2/CS-#16 >> LITA/LITB PLC-103 2 2/CS-#16 >> LITA/LITB PLC-104 2 2/CS-#16 >> LITA/LITB PLC-105 2 2/CS-#16 >> LITA/LITB PLC-106 2 2/CS-#16 >> LITA/LITB PLC-107 2 #14 >> PSH-HW-P2 2 #14 >> ZSO-HW-P2 2 #14 >> ZSC-HW-P2 2 #14 >> PSH-HW-P3 2 #14 >> ZSO-HW-P3 2 #14 >> ZSC-HW-P3 2 #14 >> ZSO-HW-P4 2 #14 >> ZSC-HW-P4 2 #14 >> PSH-HW-P5 2 #14 >> ZSO-HW-P5 2 #14 >> ZSC-HW-P5 2 #14 >> PSH-HW-P6 2 #14 >> ZSO-HW-P6 2 #14 >> ZSC-HW-P6 2 #14 >> PSH-HW-P4 2 #14 >> PSH-HW-P7 2 #14 >> ZSO-HW-P7 2 #14 >> ZSC-HW-P7 2 #14 >> LSLA-HWP 2 #14 >> LSLA3-HWP 2 #14 >> LSLB3-HWP 2 #14 >> LSLA4-HWP 2 #14 >> LSLB4-HWP 2 #14 >> LSLA5-HWP 2 #14 >> LSLB5-HWP 2 #14 >> LSLA6-HWP 2 #14 >> LSLB6-HWP 2 #14 >> LSLA7-HWP 2 #14 >> LSLB7-HWP	
A4034	1E-01	1.5"	24	#14	XHHW-2	1	#14	XHHW-2	FR: WIREWAY TO: PCM-100 2 #14 >> SWSOV-HW-P2 2 #14 >> CVSOV-HW-P2 2 #14 >> CVSOV-HW-P3 2 #14 >> SWSOV-HW-P4 2 #14 >> CVSOV-HW-P4 2 #14 >> SWSOV-HW-P5 2 #14 >> CVSOV-HW-P5 2 #14 >> SWSOV-HW-P6 2 #14 >> CVSOV-HW-P6 2 #14 >> SWSOV-HW-P7 2 #14 >> CVSOV-HW-P7	
A4051	1E-01	0.75"	2	#14	XHHW-2	1	#14	XHHW-2	FR: HW-VFD-2 TO: CONDUIT TEE 2 #14 >> TSH-HW-P2 CONTROL	A4053
A4052	1E-01	0.75"	2	#14	XHHW-2	1	#14	XHHW-2	FR: HW-VFD-3 TO: CONDUIT TEE 2 #14 >> TSH-PW-P3 CONTROL	A4053
A4053	1E-01	0.75"	4	#14	XHHW-2	1	#14	XHHW-2	FR: CONDUIT TEE TO: CONTROL SECTION 2/3 2 #14 >> TSH-HW-P2 CONTROL 2 #14 >> TSH-PW-P3 CONTROL	A4051 A4052
A4061	1E-01	0.75"	2	#14	XHHW-2	1	#14	XHHW-2	FR: HW-VFD-2 TO: CONDUIT TEE 2 #14 >> SWSOV-HW-P2 CONTROL	A4063
A4062	1E-01	0.75"	2	#14	XHHW-2	1	#14	XHHW-2	FR: HW-VFD-3 TO: CONDUIT TEE 2 #14 >> SWSOV-HW-P3 CONTROL	A4063
A4063	1E-01	0.75"	4	#14	XHHW-2	1	#14	XHHW-2	FR: CONDUIT TEE TO: CONTROL SECTION 2/3 2 #14 >> SWSOV-HW-P2 CONTROL 2 #14 >> SWSOV-HW-P3 CONTROL	A4061 A4062



LAST SAVED BY: tncrablio

DESIGNED	CAC	DATE	8-02-23
DRAWN	BLS	DATE	
CHECKED	CLL	DATE	
DATE	JULY 2023	DESCRIPTION	ADDENDUM NO.1



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

SOUTH VALLEY WATER RECLAMATION
2023 VFD REPLACEMENT
ELECTRICAL
HEADWORKS
CONDUIT SCHEDULE - 2

VERIFY SCALES	JOB NO.	201238
BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.	1-CS-02
0 1"	SHEET NO.	71 OF 146
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY		

CONDUIT SCHEDULE AREA 1

7/31/23


2022 VFD REPLACEMENT PROJECT

HEADWORKS

CONDUIT			CONDUCTORS			GROUND			DESCRIPTION	CONNECTING SEGMENTS
NUMBER	DWG	SIZE	#	SIZE	TYPE	#	SIZE	TYPE		
A6002	1E-01	0.75"	1		CAT6	1	#14	XHHW-2	FR: CONTROL SECTION 7 TO: WIREWAY 1 CAT6 >> VFD-7 NETWORK CONNECTION	
A6003	1E-01	1.5"	6		CAT6	1	#14	XHHW-2	FR: EXISTING WIREWAY TO: PCM-100 1 CAT6 >> VFD-2 NETWORK CONNECTION 1 CAT6 >> VFD-3 NETWORK CONNECTION 1 CAT6 >> VFD-4 NETWORK CONNECTION 1 CAT6 >> VFD-5 NETWORK CONNECTION 1 CAT6 >> VFD-6 NETWORK CONNECTION 1 CAT6 >> VFD-7 NETWORK CONNECTION	
A6004	1E-01	1.5"	6		CAT6	1	#14	XHHW-2	FR: PCM-100 TO: EXISTING WIREWAY 4 CAT6 >> NETWORK CONNECTION 2 CAT6 >> SPARE	
A6005	1E-01	0.75"	1		CAT6	1	#14	XHHW-2	FR: CONTROL SECTION 6 TO: EXISTING WIREWAY 1 CAT6 >> VFD-6 NETWORK CONNECTION	
A6007	1E-01	0.75"	1		CAT6	1	#14	XHHW-2	FR: CONTROL SECTION 4 TO: EXISTING WIREWAY 1 CAT6 >> VFD-4 NETWORK CONNECTION	
A6009	1E-01	1.5"	1		12/FO	1	#14	XHHW-2	FR: PCM-100 TO: PCM-110 1 12/FO >> EXISTING PLANT SCADA SYSTEM	
A6011	1E-01	0.75"	1		CAT6	1	#14	XHHW-2	FR: CONTROL SECTION 5 TO: EXISTING WIREWAY 1 CAT6 >> VFD-5 NETWORK CONNECTION	
A6015	1E-01	1"	2		CAT6	1	#14	XHHW-2	FR: CONTROL SECTION 3 TO: EXISTING WIREWAY 1 CAT6 >> VFD-2 NETWORK CONNECTION 1 CAT6 >> VFD-3 NETWORK CONNECTION	
A6020	1E-01	0.75"	1		CAT6	1	#14	XHHW-2	FR: HW-VFD-2 TO: CONDUIT TEE 1 CAT6 >> HW-VFD-2 NETWORK	
A6021	1E-01	0.75"	1		CAT6	1	#14	XHHW-2	FR: HW-VFD-3 TO: CONDUIT TEE 1 CAT6 >> HW-VFD-3 NETWORK	
A6022	1E-01	1"	2		CAT6	1	#14	XHHW-2	FR: CONDUIT TEE TO: CONTROL SECTION 2/3 1 CAT6 >> HW-VFD-2 NETWORK 1 CAT6 >> HW-VFD-3 NETWORK	

END OF CONDUIT SCHEDULE

LAST SAVED BY: bsthepard

DESIGNED	CAC		
DRAWN	TLM		
CHECKED	CLL		
DATE	JULY 2023		
REV	DATE	BY	DESCRIPTION
1	8-02-23	CAC	ADDENDUM NO.1

PROJECT NO.	201238-100000
FILE NAME:	1-CS-03.dwg



South Valley
WATER RECLAMATION FACILITY


7495 South 1300 West
West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION

2023 VFD REPLACEMENT

ELECTRICAL

HEADWORKS CONDUIT SCHEDULE

VERIFY SCALES	JOB NO.
BAR IS ONE INCH ON ORIGINAL DRAWING	201238
0  1"	DRAWING NO.
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	1-CS-03
	SHEET NO.
	72 OF 146

CONDUIT SCHEDULE AREA 17

8/3/23

2022 VFD REPLACEMENT PROJECT

RAS/WAS NO. 2

CONDUIT			CONDUCTORS			GROUND			DESCRIPTION	CONNECTING SEGMENTS
NUMBER	DWG	SIZE	#	SIZE	TYPE	#	SIZE	TYPE		
P1100	17E-02	1.5"	3	#1/0	XHHW-2	1	#6	XHHW-2	FR: RW-VFD-1501 TO: RW-DPP-A 3 #1/0 >> PMP-1501 POWER	
P1101	17E-02	1.5"	3	#1/0	XHHW-2	1	#6	XHHW-2	FR: RW-VFD-1503 TO: RW-DPP-A 3 #1/0 >> PMP-1503 POWER	
P1102	17E-02	0.75"	3	#8	XHHW-2	1	#10	XHHW-2	FR: RW-VFD-1622 TO: RW-DPP-A 3 #8 >> PMP-1622 POWER	
P1103	17E-02	1.5"	3	#1/0	XHHW-2	1	#6	XHHW-2	FR: RW-VFD-1502 TO: RW-DPP-A 3 #1/0 >> PMP-1502 POWER	
P1104	17E-02	0.75"	3	#8	XHHW-2	1	#10	XHHW-2	FR: RW-VFD-1623 TO: RW-DPP-A 3 #8 >> PMP-1623 POWER	
P1110	17E-01 17E-02	1.5"	3	#1 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#6	XHHW-2	FR: PMP-1501 TO: RW-VFD-1501 2 #12 >> MWH-1501 POWER 2 #14 >> TSH-1501 CONTROL 3 #1 >> PMP-1501 POWER	
P1111	17E-01 17E-02	0.75"	3	#10 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#10	XHHW-2	FR: PMP-1622 TO: RW-VFD-1622 2 #12 >> MWH-1622 POWER 2 #14 >> TSH-1622 CONTROL 3 #10 >> PMP-1622 POWER	
P1112	17E-01 17E-02	1.5"	3	#1 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#6	XHHW-2	FR: PMP-1503 TO: RW-VFD-1503 2 #12 >> MWH-1503 POWER 2 #14 >> TSH-1503 CONTROL 3 #1 >> PMP-1503 POWER	
P1113	17E-01 17E-02	1.5"	3	#1 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#6	XHHW-2	FR: PMP-1502 TO: RW-VFD-1502 2 #12 >> MWH-1502 POWER 2 #14 >> TSH-1502 CONTROL 3 #1 >> PMP-1502 POWER	
P1114	17E-01 17E-02	0.75"	3	#10 #12 #14	XHHW-2 XHHW-2 XHHW-2	1	#10	XHHW-2	FR: PMP-1623 TO: RW-VFD-1623 2 #12 >> MWH-1623 POWER 2 #14 >> TSH-1623 CONTROL 3 #10 >> PMP-1623 POWER	
P4210	17E-01 17E-02	0.75"	4	#14	XHHW-2	1	#14	XHHW-2	FR: J-BOX TO: RW-VFD-1501 2 #14 >> PSH-1501 CONTROL 2 #14 >> SV-1501 CONTROL	
P4212	17E-01 17E-02	0.75"	4	#14	XHHW-2	1	#14	XHHW-2	FR: J-BOX TO: RW-VFD-1503 2 #14 >> PSH-1503 CONTROL 2 #14 >> SV-1503 CONTROL	
P4213	17E-01 17E-02	0.75"	4	#14	XHHW-2	1	#14	XHHW-2	FR: J-BOX TO: RW-VFD-1502 2 #14 >> PSH-1502 CONTROL 2 #14 >> SV-1502 CONTROL	
P6101	17E-02	0.75"	1		CAT6	1	#14	XHHW-2	FR: RW-VFD-1503 TO: CONDUIT TEE 1 CAT6 >> RW-VFD-1503 NETWORK	P6117
P6102	17E-02	0.75"	1		CAT6	1	#14	XHHW-2	FR: RW-VFD-1622 TO: CONDUIT TEE 1 CAT6 >> RW-VFD-1622 NETWORK	P6110
P6103	17E-02	0.75"	1		CAT6	1	#14	XHHW-2	FR: RW-VFD-1502 TO: CONDUIT TEE 1 CAT6 >> RW-VFD-1502 NETWORK	P6117
P6104	17E-02	0.75"	1		CAT6	1	#14	XHHW-2	FR: RW-VFD-1623 TO: CONDUIT TEE 1 CAT6 >> RW-VFD-1623 NETWORK	P6110
P6109		0.75"	1		CAT6	1	#14	XHHW-2	FR: RW-VFD-1501 TO: CONDUIT TEE 1 CAT6 >> RW-VFD-1501 NETWORK	P6120

CONDUIT SCHEDULE AREA 17

8/3/23

2022 VFD REPLACEMENT PROJECT


RAS/WAS NO. 2

CONDUIT			CONDUCTORS			GROUND			DESCRIPTION	CONNECTING SEGMENTS
NUMBER	DWG	SIZE	#	SIZE	TYPE	#	SIZE	TYPE		
P6110	17E-02	1"	2		CAT6	1	#14	XHHW-2	FR: CONDUIT TEE TO: PCM-1500 1 CAT6 >> RW-VFD-1622 NETWORK 1 CAT6 >> RW-VFD-1623 NETWORK	P6102 P6104
P6117	17E-02	1"	2		CAT6	1	#14	XHHW-2	FR: CONDUIT TEE TO: CONDUIT TEE 1 CAT6 >> RW-VFD-1503 NETWORK 1 CAT6 >> RW-VFD-1502 NETWORK	P6120 P6101 P6103
P6120		1"	3		CAT6	1	#14	XHHW-2	FR: CONDUIT TEE TO: PCM-1500 1 CAT6 >> RW-VFD-1503 NETWORK 1 CAT6 >> RW-VFD-1502 NETWORK 1 CAT6 >> RW-VFD-1501 NETWORK	P6117 P6117 P6109

END OF CONDUIT SCHEDULE

LAST SAVED BY: tncrablio

DESIGNED	CAC	DATE	8-02-23
DRAWN	BLS	DATE	
CHECKED	CLL	DATE	
BY			



 DESIGNED BY: CAC
 DRAWN BY: BLS
 CHECKED BY: CLL
 DATE: JULY 2023

ADDENDUM NO. 1
 DESCRIPTION:




 7495 South 1300 West
 West Jordan, Utah 84084

SOUTH VALLEY WATER RECLAMATION
 2023 VFD REPLACEMENT
 ELECTRICAL
 RAS/WAS BUILDING #2
 CONDUIT SCHEDULES - 1

VERIFY SCALES	JOB NO.
BAR IS ONE INCH ON ORIGINAL DRAWING	201238
0 1"	DRAWING NO.
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	17-CS-01
	SHEET NO.
	81 OF 146