



AUTOMATIC VEHICLE WASH

AVW EQUIPMENT CO., INC
105 S 9TH AVE, MAYWOOD IL, 60153

PHONE: (708)343-7738, FAX (708)343-9065

EMAIL: info@avwequipment.com
WEBSITE: www.avwequipment.com

AVW PROJECT #EQ-1-09XX

CUSTOMER:

CUSTOMER NAME

PROJECT:

CAR WASH NAME



COPYRIGHT
THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF AVW EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM AVW CO.

GENERAL NOTES

NO.	REVISION/ISSUE	DATE

CUSTOMER NAME

XXX

PROJECT NAME

XXX

DRAWING NAME

PROJECT PACKAGE

DRAWN BY

Milka Vranes

DATE

XXXX

REVISION

1

S/O# N/A

DWG# EQ-1-0910

PAGE# CO-1-0910-0

SHEET

M00



AUTOMATIC VEHICLE WASH

AVW EQUIPMENT CO., INC
105 S 9TH AVE, MAYWOOD IL, 60153

PHONE: (708)343-7738, FAX (708)343-9065

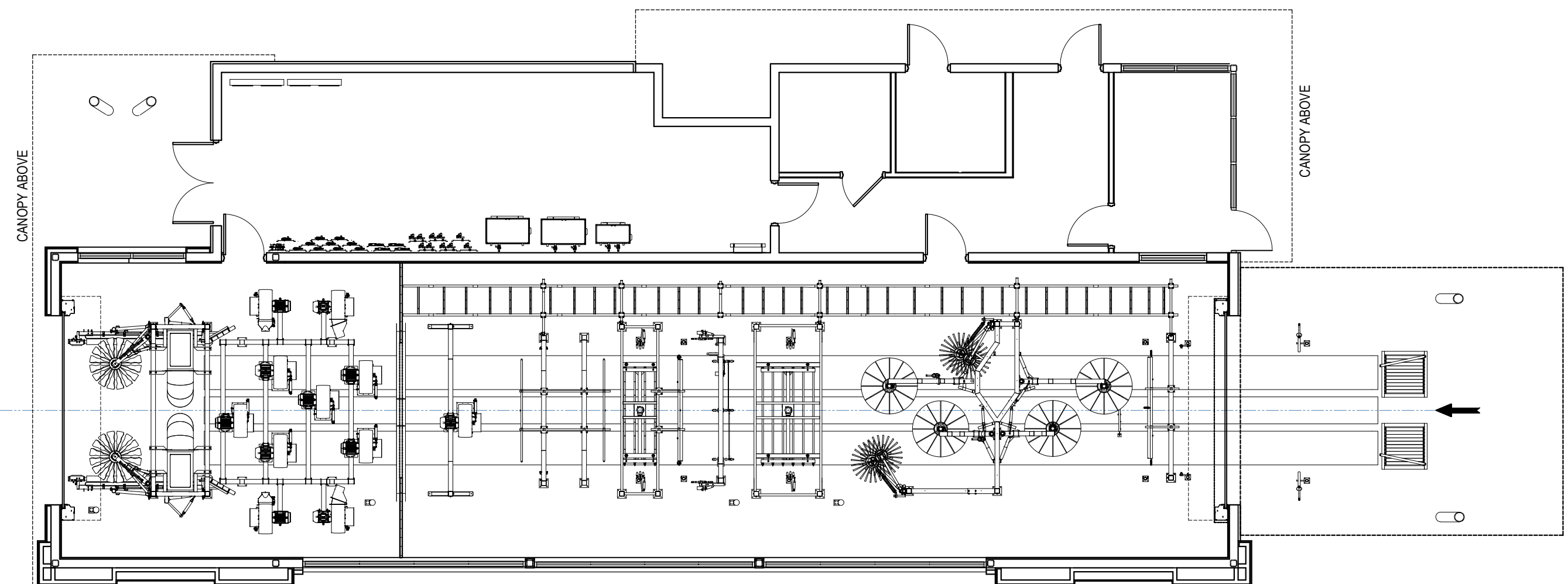
EMAIL: info@avwequipment.com
WEBSITE: www.avwequipment.com



COPYRIGHT
THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF AVW EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM AVW CO.

GENERAL NOTES

CO-1-09XX-1	M0	LEGEND
CO-1-09XX-2	M1	EQUIPMENT LAYOUT
CO-1-09XX-3	M2	SITE LAYOUT
CO-1-09XX-4	M3	EQUIPMENT DESCRIPTION
CO-1-09XX-5	M4.1	EQUIPMENT SCHEDULE 1
CO-1-09XX-6	M4.2	EQUIPMENT SCHEDULE 2
CO-2-0900-1	S0	CONVEYOR SLOPES
CO-2-090X-2	S1	CONVEYOR PIT PLAN & SECTION
CO-2-0900-3	S2	SECTIONS THRU CONVEYOR PIT
CO-2-0900-4	S3	CORRELATOR PIT
CO-2-0900-5	S4	RECLAIM PIT
CO-2-0900-6	S5	CONVEYOR PIT STEEL - 1
CO-2-0900-7	S6	CONVEYOR PIT STEEL - 2
CO-3-09XX-1	E1	ELECTRICAL DETAILS
CO-3-09XX-2	E1.1	ELECTRICAL DETAILS
CO-3-09XX-3	E1.2	ELECTRICAL DETAILS
CO-3-0900-4	E2	ELECTRICAL DETAILS
CO-4-09XX-1	P1	MECHANICAL ROOM ELEVATIONS
CO-4-0900-2	P2	PLUMBING SCHEMATIC WTR MANIFOLD & TUNNEL FEEDS
CO-4-0900-3	P3	PLUMBING DETAILS
CO-4-0900-4	P4	PNEUMATIC PIPING SCHEMATIC
CO-4-0900-5	P5	CHASEWAY SECTIONS THRU CONVEYOR PIT
CO-4-09XX-6	P6	CHASEWAY PLAN POWER TO CONVEYOR
CO-4-09XX-7	P6.1	CHASEWAY PLAN POWER TO CONVEYOR ON SITE



NO.	REVISION/ISSUE	DATE

CUSTOMER NAME
XXX
PROJECT NAME
XXX

DRAWING NAME
LEGEND
DRAWN BY
Milka Vranes
DATE
08-22-2018
REVISION
1

S/O# N/A	MO
DWG# EQ-1-0910	
PAGE# CO-1-0910-1	



COPYRIGHT
THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF AVW EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM AVW CO.

GENERAL NOTES

NO.	REVISION/ISSUE	DATE

CUSTOMER NAME

XXX

PROJECT NAME

XXXX

DRAWING NAME
EQUIPMENT LAYOUT

DRAWN BY
Milka Vranes

DATE
08-22-2018

REVISION
1

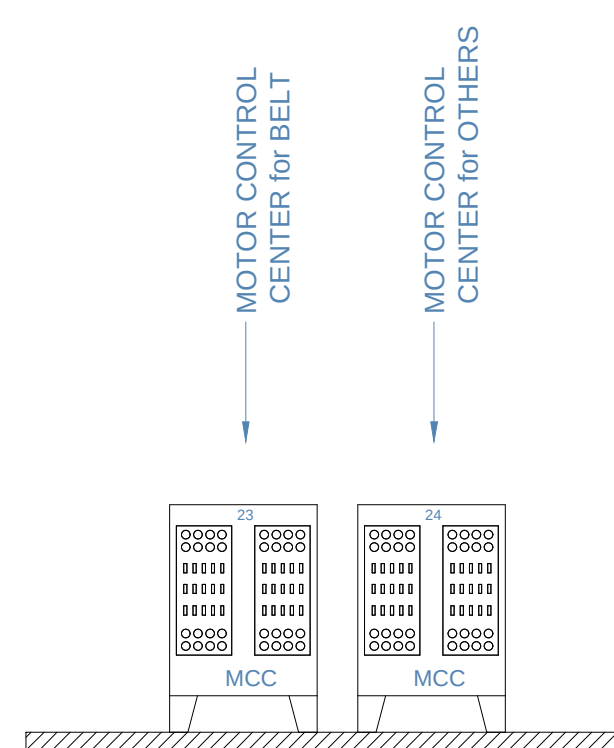
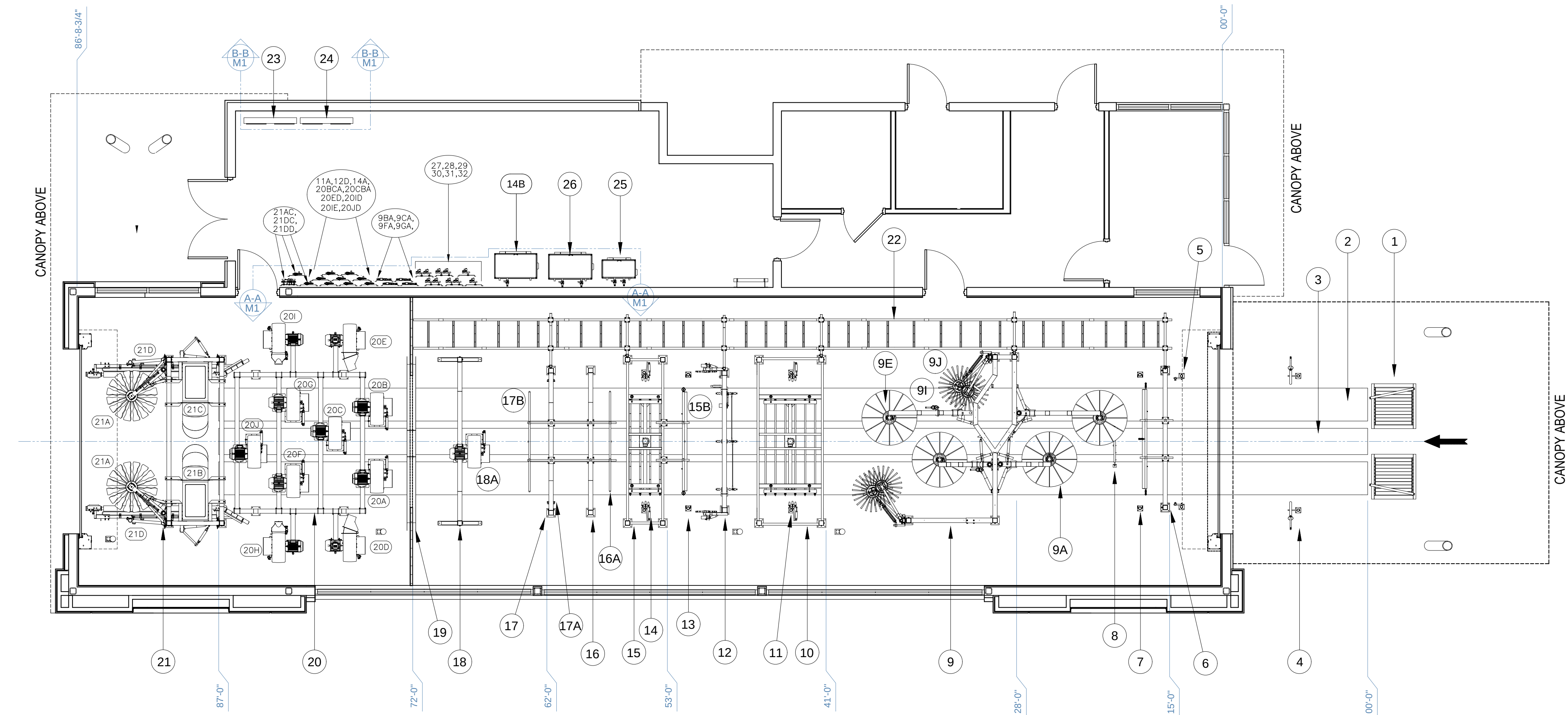
S/O# N/A

DWG# EQ-1-0910

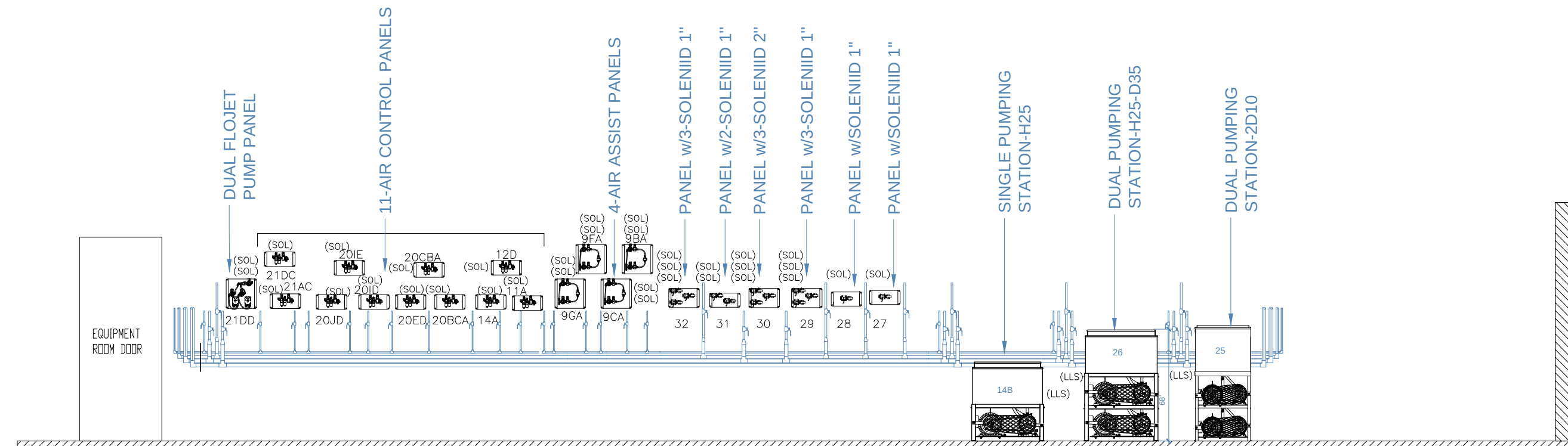
PAGE# CO-1-0919-2

SHEET

M1



B-B
M1
ELEVATION-MECHANICAL ROOM



A-A
M1
ELEVATION-MECHANICAL ROOM



GENERAL NOTES

NO.	REVISION/ISSUE	DATE

CUSTOMER NAME

XXXX

PROJECT NAME

XXX

DRAWING NAME

SITE LAYOUT

DRAWN BY

Milka Vranes

DATE
08-22-2018

REVISION
1

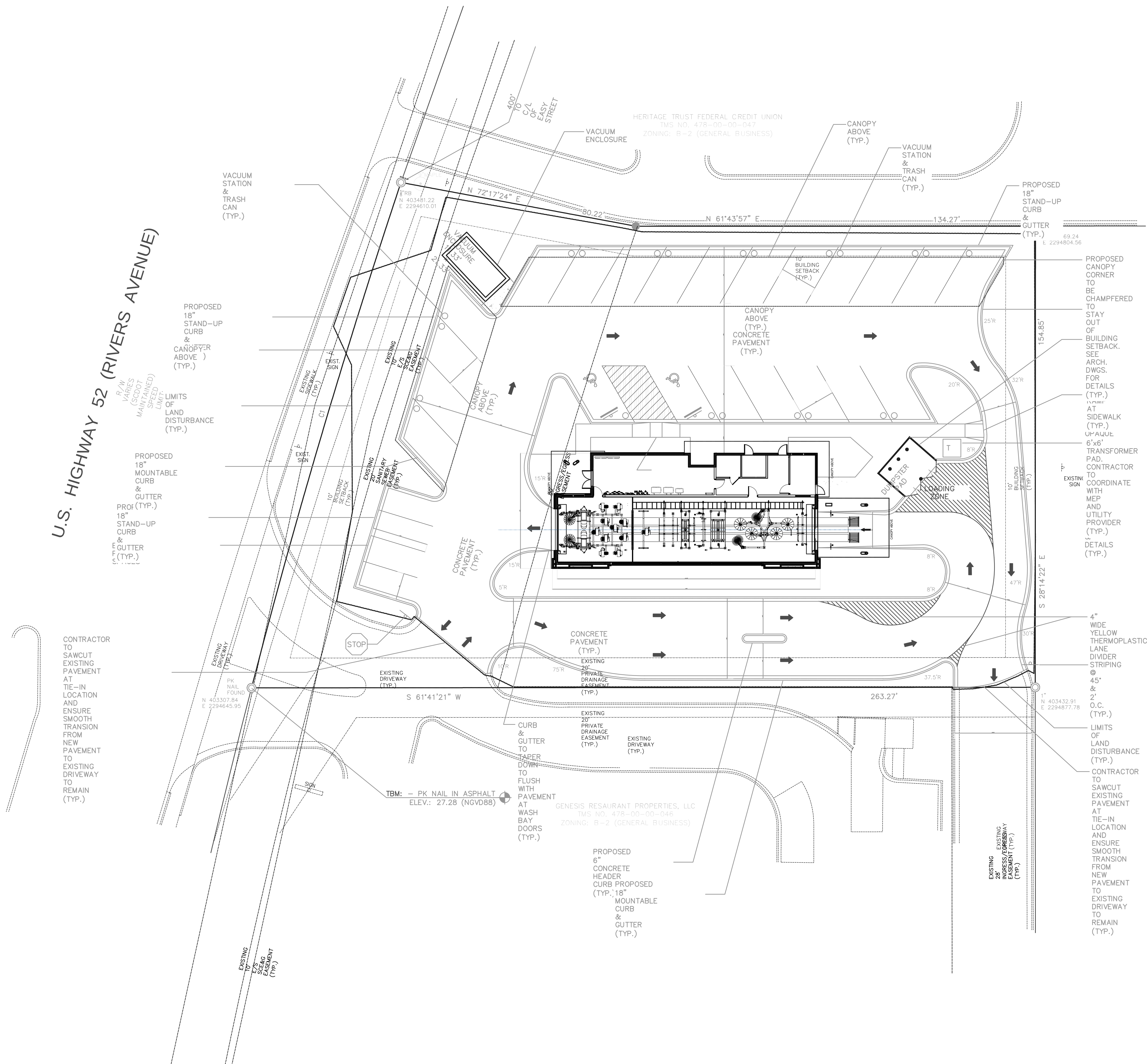
S/O# N/A

DWG# EQ-1-0910

PAGE# CO-1-0910-3

SHEET

M2





COPYRIGHT
THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF AVW EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM AVW CO.

GENERAL NOTES

NO.	REVISION/ISSUE	DATE

CUSTOMER NAME

XXX

PROJECT NAME

XXX

DRAWING NAME

EQUIPMENT DESCRIPTION

DRAWN BY

Milka Vranes

DATE

08-22 -2018

REVISION

1

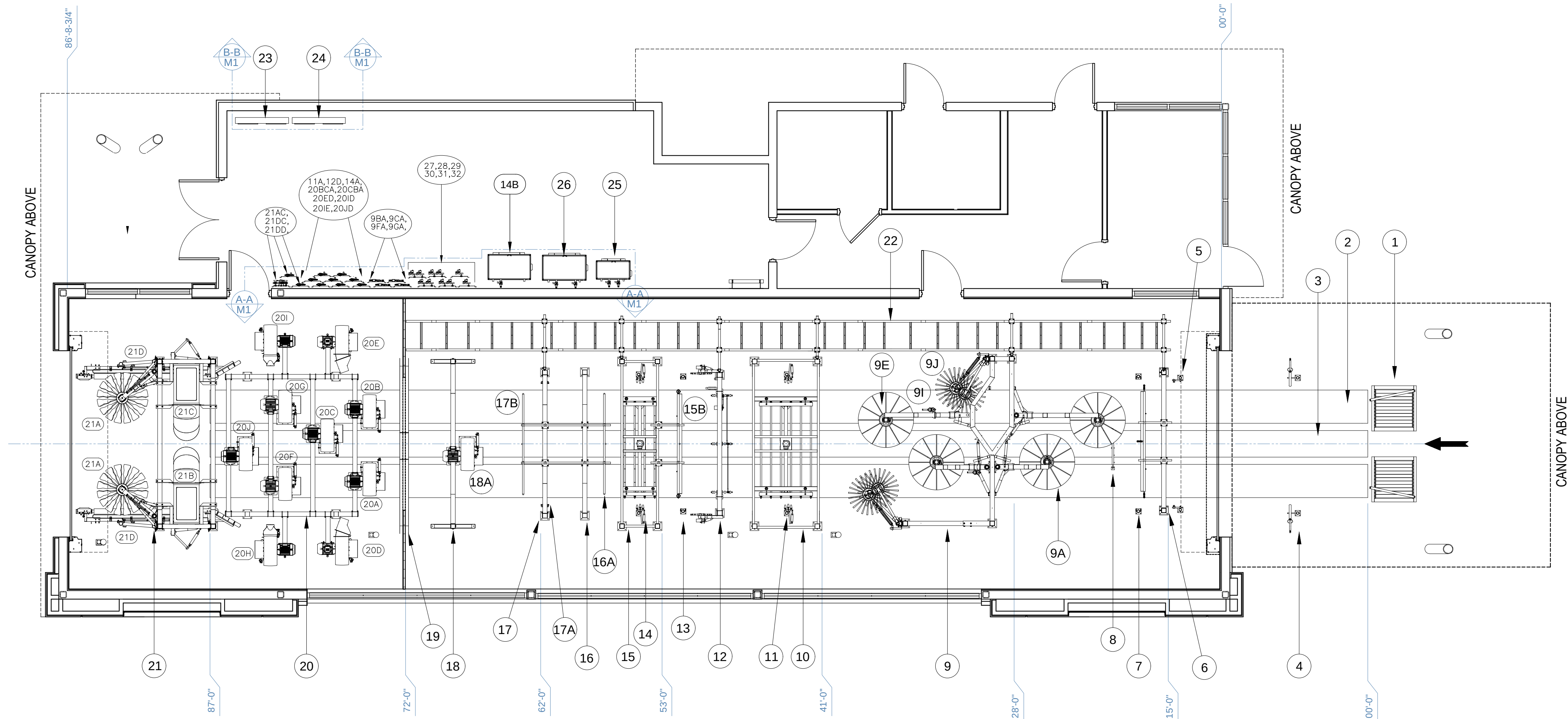
S/O# N/A

DWG# EQ-1-0910

PAGE# CO-1-0910-4

SHEET

M3



19	R-BWA1	GLASS BLOCK ARCHWAY
18A	BL0115D-10	BLOWER PRODUCER 10HP w/ AIR GATE&ADAPTER
18	BL1A-C	PENTA ARCH w/ 1 BLOWER PRODUCER 15HP
17B	MS1	Attached SPINNER MIRROR
17A	AA5D-3	Attached TOP MANIFOLD
17	AA1	APPLICATOR ARCH w/TOP MANIFOLD & SPINNER MIRROR
16A	AA5D-1	Attached TOP MANIFOLD
16	AA1	APPLICATOR ARCH w/K-NOZZLES & TOP MANIFOLD
15B	J3179	Attached AVALANCHE
15	MM5-EL	MINI MITTER - EL w/AVALANCHE
14	PWB1	PIVOTING WHEEL BLASTER
13	WBA1	WHEEL BRITE APPLICATOR
12	PO1-EL	PIVOTING OSCILLATING HIGH PRESSURE ARCH-EL
11	PWB1	PIVOTING WHEEL BLASTER
10	MC2-EL	MITTER CURTAIN-EL
9J	CB2-EL	CONTOUR BRUSH-EL
9I	SF1117	CURVED SOAP FOAMER
9E	WA1-EL	WRAP AROUND-EL
9A	WA1-EL	WRAP AROUND-EL
9	WACB0405-EL	DUAL WRAP CONTOUR COMBO w/SOAP FOAMER-EL
8	GA1	GRIL APPLICATOR
7	WBA1	WHEEL BRITE APPLICATOR
6A	J3179	Attached AVALANCHE
6	AA2	DUAL APPLICATOR ARCH w/AVALANCHE
5	PHE2-0315	DUAL PHOTO EYES
4	PGS1A	PREP GUN
3	GR	PIT GRATING
2	BCN3	DUAL BELT CONVEYOR 30" WIDE x 100' LG.
1	RC4	ROLLER CORRELATOR w/ GUIDE RAILS

ITEM	PART#	DESCRIPTION
EQUIPMENT LIST - TUNNEL		

22A	J3426L-36	LBRACKET 36" LONG
22	LR1	LADDER RACK
21D	TB3-CUS999	TIRE DRESSING APPLICATOR
21C	HT2	SOLARONIC HEATER DRYER
21B	HT2	SOLARONIC HEATER DRYER
21A	SW2	SIDE MIRROR WIPER
21	FM1	FINISHING MODULE
20JB	BL1D-NZ-PIV-2396	PIVOTING NOZZLE FRONT TO BACK
20J	BL0115D-10	BLOWER PROD. 10HP w/ PIVOTING NOZ&AIR GATE III R.
20IB	BL1D-NZ-PIV-2396	PIVOTING E NOZZLE FRONT TO BACK
20I	BL0115D-10	DROP DOW.BLOWER 10HP w/ PIV. NOZZLE&AIR GATE
20HB	BL1D-NZ-PIV-2396	PIVOTING NOZZLE NOZZLE FRONT TO BACK
20H	BL0115D-10	DROP DOW.BLOWER 10HP w/ PIV. NOZZLE&AIR GATE
20GB	BL1D-NZ-PIV-2396	PIVOTING NOZZLE FRONT TO BACK
20G	BL0115D-10	BLOWER PROD. 10HP w/ PIVOTING NOZ&AIR GATE III R.
20FB	BL1D-NZ-PIV-2396	PIVOTING NOZZLE FRONT TO BACK
20F	BL0115D-10	BLOWER PROD. 10HP w/ PIVOTING NOZ&AIR GATE III R.
20E	BL0115D-10	DROP DOW.BLOWER 10HP w/ ADAPTER & AIR GATE
20D	BL0115D-10	DROP DOW.BLOWER 10HP w/ ADAPTER & AIR GATE
20CB	BL1D-NZ-PIV-2396	PIVOTING NOZZLE FRONT TO BACK
20C	BL0115D-10	BLOWER PROD. 10HP w/ PIVOTING NOZ&AIR GATE II R.
20B	BL0115D-10	BL.PRODUCER 10HP w/ ADAPTER&AIR GATE - I ROW
20A	BL0115D-10	BL.PRODUCER 10HP w/ ADAPTER&AIR GATE - I ROW
20	BL1C10"x10'	BLOWER ARCH 10"x10' w/ 10 BLOWER PRODUC. 10HP

ITEM	PART#	DESCRIPTION
EQUIPMENT LIST - TUNNEL		

33	SL1-G-120V	SOLENOID VALVE 1"-BELT FLUSH
32	P-3SL1	WATER CONTROL PANEL w/3 SOLENOIDS 1" for DWACB0405, MC2 & MM5
31	P-2SL1	WATER CONTROL PANEL w/2 SOLENOIDS 1" for PS2H25D35 TANK & PSH25 TANK
30	P-3SL2	WATER CONTROL PANEL w/3 SOLENOIDS 2" for PO1-D35 PUMP, PWB1 H25PUMP & PWB1 H25 PUMP
29	P-3SL1	WATER CONTROL PANEL w/3 SOLENOIDS 1" for PS2D10 TANK, PS2D10 RO PUMP & PS2D10 SITY PUMP
28	P-1SL1	WATER CONTROL PANEL w/1 SOLENOID 1" for AA5D
27	P-1SL1	WATER CONTROL PANEL w/1 SOLENOID 1" for AA5D
26	PS2H25D35	DOUBLE STACK PUMPING STATION, 50GPM
25	PS2D10	DOUBLE STACK PUMPING STATION, 2X8GPM
24	MCC	MOTOR CONTROL CENTER
23	MCC	MOTOR CONTROL CENTER for Belt
21DD	APS1-2F	DUAL FLOJET PUMP PANEL- NON FOAMING
21DC	WA1P	AIR CONTROL PANEL
21AC	WA1P	AIR CONTROL PANEL
20JD	WA1P	AIR CONTROL PANEL
20IE	WA1P	AIR CONTROL PANEL
20ID	WA1P	AIR CONTROL PANEL
20ED	WA1P	AIR CONTROL PANEL
20CBA	WA1P	AIR CONTROL PANEL
20BCA	WA1P	AIR CONTROL PANEL
14B	PSH25	SINGLE PUMPING STATION, 20GPM
14A	WA1P	AIR CONTROL PANEL
12D	WA1P	AIR CONTROL PANEL
11A	WA1P	AIR CONTROL PANEL
9GA	WA1-SKP	AIR ASSIST KIT PANEL
9FA	WA1-SKP	AIR ASSIST KIT PANEL
9CA	WA1-SKP	AIR ASSIST KIT PANEL
9BA	WA1-SKP	AIR ASSIST KIT PANEL

TAG	PART#	DESCRIPTION
EQUIPMENT LIST - MECHANICAL ROOM		

CAR WASH EQUIPMENT LIST				EQUIPMENT REQUIREMENTS											
LINE ITEM	TAG	DESCRIPTION	PART #	ELECTRICAL					AIR PORT	WATER				gal/ min.	GAS (BTUH)
				HP	PHASE	VOLTS	AMPS	C.B.		CITY	HOT	RO	RECLAIM		
1	RC4	1 ROLLER CORELLATOR	RC4	-	-	-	-	-	-	-	-	-	-	-	-
2	BCN3	1 DUAL BELT CONVEYOR 3'-87"LG	BCN3	-	-	-	-	-	-	-	-	-	-	-	-
3	2 A	M 1 -MOTOR		20	3	460	23	-	-	-	-	-	-	-	-
4	2 B	RP 1 -APPROXIMITY SENSOR		-	1	120	0.25	-	-	-	-	-	-	-	-
5	2 C	VFD 1 -VARIABLE FREQUENCY DRIVE		-	-	-	-	-	-	-	-	-	-	-	-
6	3	GR 1 PIT GRATING	GR	-	-	-	-	-	-	-	-	-	-	-	-
7	4	PGS1 1 PREP GUN	PGS1	-	-	-	-	-	-	-	-	-	-	-	-
8	5	PHE2-0315 1 DOUBLE PHOTO EYE	PHE2-0315	-	1	120	0.5	-	-	-	-	-	-	-	-
9	6	AA2 1 DUAL APPLICATOR ARCH-PRESOAK&BUG GUN with AVALANVNCHE	AA2	-	-	-	-	-	-	-	-	-	-	-	-
2	6 A	J3179 1 AVALANCHE JUNIOR	J3179	-	-	-	-	-	-	-	-	-	-	-	-
3	7	WBA1 1 WHEEL BRITE APPLICATOR	WBA1	-	-	-	-	-	-	-	-	-	-	-	-
4	8	GA1 1 GRILL APPLICATOR	GA1	-	-	-	-	-	-	-	-	-	-	-	-
5	9	DWACB2-EL 1 DUAL WRAP CONTOUR COMBO w/SOAP FO.	DWACB2-EL	-	-	-	-	-	-	-	-	-	-	-	-
6	9 A	WA1 1 -WRAP AROUND	WA1	-	-	-	-	-	-	-	-	-	-	-	-
7	9 AA	M 2 -MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	-
8	9 AB	M 3 -MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	-
9	9 B	WA1-SK 1 -WRAP AIR ASSIST KIT	WA1-SK	-	-	-	-	-	-	-	-	-	-	-	-
10	9 BA	WA1-SKP 1 -AIR ASSIST KIT PANEL	WA1-SKP	-	-	-	-	-	-	-	-	-	-	-	-
11	9 BAA	SOL 1 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
12	9 BAB	SOL 2 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
13	9 C	WA1-SK 2 -WRAP AIR ASSIST KIT	WA1-SK	-	-	-	-	-	-	-	-	-	-	-	-
14	9 CA	WA1-SKP 2 -AIR ASSIST KIT PANEL	WA1-SKP	-	-	-	-	-	-	-	-	-	-	-	-
15	9 CAA	SOL 3 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
16	9 CAB	SOL 4 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
17	9 D	WA2F 3 -WRAP STABILIZER KIT	WA2F	-	-	-	-	-	-	-	-	-	-	-	-
18	9 E	WA1 3 -WRAP AROUND	WA1	-	-	-	-	-	-	-	-	-	-	-	-
19	9 EA	M 4 -MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	-
20	9 EB	M 5 -MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	-
21	9 F	WA1-SK 3 -WRAP AIR ASSIST KIT	WA1-SK	-	-	-	-	-	-	-	-	-	-	-	-
22	9 FA	WA1-SKP 3 -AIR ASSIST KIT PANEL	WA1-SKP	-	-	-	-	-	-	-	-	-	-	-	-
23	9 FAA	SOL 5 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
24	9 FAB	SOL 6 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
25	9 G	WA1-SK 4 -WRAP AIR ASSIST KIT	WA1-SK	-	-	-	-	-	-	-	-	-	-	-	-
26	9 GA	WA1-SKP 4 -AIR ASSIST KIT PANEL	WA1-SKP	-	-	-	-	-	-	-	-	-	-	-	-
27	9 GAA	SOL 7 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
28	9 GAB	SOL 8 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
29	9 H	WA2F 2 -WRAP STABILIZER KIT	WA2F	-	-	-	-	-	-	-	-	-	-	-	-
22	9 I	SF1014 1 -SOAP FOAMER (CURVED)-SET for LUBE	SF1014	-	-	-	-	-	-	-	-	-	-	-	-
23	9 J	CB2 1 -CONTOUR BRUSH	CB2	-	-	-	-	-	-	-	-	-	-	-	-
24	9 JA	M 6 -MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	-
25	9 JB	M 7 -MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	-
26	9 JA	M 8 -MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	-
27	9 JB	M 9 -MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	-
26	10	MC2-EL 1 MITTER CURTAIN-ELECTRIC DRIVE	MC2-EL	-	-	-	-	-	-	-	-	-	-	-	-
27	10 A	M 10 -MOTOR		1.5	3	-	2	-	-	-	-	-	-	-	-
28	11	PWB1 1 PIVOTING WHEEL BLASTER	PWB1	-	-	-	-	-	-	-	-	-	-	-	-
29	11 A	WA1P 1 -AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	-
30	11 AA	SOL 9 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
31	12	PO1-EL 1 PIVOTING OSCILLATING HIGH PRESSURE ARCH,TOP AND SIDE-EL	PO1-EL	-	-	-	-	-	-	-	-	-	-	-	-
32	12 A	M 11 -MOTOR		15	3	460	17	-	-	-	-	-	-	-	-
33	12 B	M 12 -MOTOR		15	3	460	17	-	-	-	-	-	-	-	-
34	12 C	M 13 -MOTOR		15	3	460	17	-	-	-	-	-	-	-	-
35	12 D	WA1P 2 -AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	-
36	12 DA	SOL 10 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
37	13	WBA1 2 WHEEL BRITE APPLICATOR	WBA1	-	-	-	-	-	-	-	-	-	-	-	-
38	14	PWB1 2 PIVOTING WHEEL BLASTER	PWB1	-	-	-	-	-	-	-	-	-	-	-	-
39	14 A	WA1P 3 -AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	-
40	14 AA	SOL 11 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-
41	14 B	PSH25 1 -SINGLE PUMPING STATION	PSH25	-	-	-	-	-	-	-	-	-	-	-	-
42	14 BA	M 14 -MOTOR		15	3	460	17	-	-	-	-	-	-	-	-
43	14 BB	LLS 1 -LOW LEVEL SWITCH	LLS	-	1	120	0.28	-	-	-	-	-	-	-	-
45	15	MM5-EL 1 MITTER CURTAIN-EL. DRIVE. w/AVALANCHE	MM5-EL	-	-	-	-	-	-	-	-	-	-	-	-
46	15 A	M 15 -MOTOR		1.5	3	-	2	-	-	-	-	-	-	-	-
47	15 B	J3179 2 AVALANCHE	J3179	-	-	-	-	-	-	-	-	-	-	-	-
48	16	AA1 2 AA1 w/ SHOWER TOP MANIFOLD	AA1	-	-	-	-	-	-	-	-	-	-	-	-
49	16 A	AA5D-1 3 -SHOWER TOP MANIFOLD	AA5D-1	-	-	-	-	-	-	-	-	-	-	-	-
50	17	AA1 2 AA1 w/ SHOWER TOP MANIFOLD	AA1	-	-	-	-	-	-	-	-	-	-	-	-
51	17 A	AA5D-3 3 -SHOWER TOP MANIFOLD	AA5D-3	-	-	-	-	-	-	-	-	-	-	-	-
52	17 B	MS1 3 MIRROR SPINNER	MS1	-	-	-	-	-	-	-	-	-	-	-	-
53	18	BL1A-C 1 PENTA ARCH w/FLESH BLOWER 10HP	BL1A-C	-	-	-	-	-	-	-	-	-	-	-	-
54	18 A	BL0115D-10 1 -BLOWER PRODUCER 10HP	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	-
55	18 AA	M 16 -MOTOR		10	3	460	12	-	-	-	-	-	-	-	-
56	18 B	BL1DC-2678 1 - AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	-
57	18 C	BL1D-NZ-5449 1 BLOWER NOZZLE ADAPTER	BL1D-NZ-4555	-	-	-	-	-	-	-	-	-	-	-	-
58	19	R-BWA1 1 GLASS BLOCK ARCH	R-BWA1	-	-	-	-	-	-	-	-	-	-	-	-
59	20	BL1C-10x10 1 10'x10' FRAME	BL1C-10x10	-	-	-	-	-	-	-	-	-	-	-	-
60	20 A	BL0115D-10 2 w/ 10 BLOWER PRODUCERS 10HP	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	-
61	20 AA	M 17 -BLOWER PRODUCER 10HP- I ROW		10	3	460	12	-	-	-	-	-	-	-	-
62	20 AB	BL1D-NZ-5449 2 BLOWER NOZZLE ADAPTER	BL1D-NZ-4555	-	-	-	-	-	-	-	-	-	-	-	-
63	20 AC	BL1DC-2678 2 - AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	-
64	20 B	BL0115D-10 3 -BLOWER PRODUCER 10HP - I ROW	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	-
65	20 BA	M 18 -MOTOR		10	3	460	12	-	-	-	-	-	-	-	-
66	20 BB	BL1D-NZ-5449 3 BLOWER NOZZLE ADAPTER	BL1D-NZ-4555	-	-	-	-	-	-	-	-	-	-	-	-
67	20 BC	BL1DC-2678 3 - AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	-
68	20 BCA	WA1P 4 -AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	-
69	20 BCAA	SOL 12 -SOLENOID VALVE		-	1	120	0.25	-	1/4 NPT	-	-	-	-	-	-



COPYRIGHT
THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF AVW EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM AVW CO.

GENERAL NOTES

NO.	REVISION/ISSUE	DATE

CUSTOMER NAME

XXX

PROJECT NAME

XXX

DRAWING NAME

EQUIPMENT SCHEDULE 1

DRAWN BY

Milka Vranes

DATE

08-22-2018

REVISION

1

S/O# N/A

DWG# EQ-1-0910

PAGE# CO-1-0910-5

SHEET

M4.1



COPYRIGHT
THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF AVW EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM AVW CO.

GENERAL NOTES

NO.	REVISION/ISSUE	DATE

CUSTOMER NAME

XXX

PROJECT NAME

XXX

DRAWING NAME
EQUIPMENT SCHEDULE 1

DRAWN BY
Milka Vranes

DATE 08-22-2018	REVISION 1
--------------------	---------------

S/O# N/A	SHEET
DWG# EQ-1-0910	M4.2
PAGE# CO-1-0910-6	

CAR WASH EQUIPMENT LIST				EQUIPMENT REQUIREMENTS												
LINE ITEM	TAG		DESCRIPTION	PART #	ELECTRICAL					AIR PORT	WATER				gal/min.	GAS (BTUH)
					HP	PHASE	VOLTS	AMPS	C.B.		CITY	HOT	RO	RECLAIM		
70	20 C	BL0115D-10 4	-BLOWER PRODUCER 10HP - II ROW	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	
71	20 CA	M 19	-MOTOR		10	3	460	12	-	-	-	-	-	-	-	
72	20 CB	BL1007D-NZ- 1	-PIVOTING NOZZLE -FRONT TO BACK	BL1007D-NZ-	-	-	-	-	-	-	-	-	-	-	-	
73	20 CBA	WA1P 5	-AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	
74	20 CBAA	SOL 13	-SOLENOID VALVE		-	1	120	0.25	1/4 NPT	-	-	-	-	-	-	
75	20 CC	BL1DC-2678 4	- AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	
76	20 D	BL0115D-10 5	-BLOWER PRODUCER 10HP- DROP DOWN	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	
77	20 DA	M 20	-MOTOR		10	3	460	12	-	-	-	-	-	-	-	
78	20 DB	BL1D-NZ-5449 5	BLOWER NOZZLE ADAPTER	BL1D-NZ-4555	-	-	-	-	-	-	-	-	-	-	-	
79	20 DC	BL1DC-2678 5	- AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	
80	20 E	BL0115D-10 6	-BLOWER PRODUCER 10HP DROP DOWN	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	
81	20 EA	M 21	-MOTOR		10	3	460	12	-	-	-	-	-	-	-	
82	20 EB	BL1D-NZ-5449 6	BLOWER NOZZLE ADAPTER	BL1D-NZ-4555	-	-	-	-	-	-	-	-	-	-	-	
83	20 EC	BL1DC-2678 6	- AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	
84	20 ED	WA1P 6	-AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	
85	20 EDA	SOL 14	-SOLENOID VALVE		-	1	120	0.25	1/4 NPT	-	-	-	-	-	-	
86	20 F	BL0115D-10 7	-BLOWER PRODUCER 10HP- III ROW	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	
87	20 FA	M 22	-MOTOR		10	3	460	12	-	-	-	-	-	-	-	
88	20 FB	BL1007D-NZ- 2	-PIVOTING NOZZLE -FRONT TO BACK	BL1007D-NZ-	-	-	-	-	-	-	-	-	-	-	-	
89	20 FC	BL1DC-2678 7	- AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	
90	20 G	BL0115D-10 8	-BLOWER PRODUCER 10HP III ROW	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	
91	20 GA	M 23	-MOTOR		10	3	460	12	-	-	-	-	-	-	-	
92	20 GB	BL1007D-NZ- 3	-PIVOTING NOZZLE -FRONT TO BACK	BL1007D-NZ-	-	-	-	-	-	-	-	-	-	-	-	
93	19 GC	BL1DC-2678 8	- AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	
94	20 H	BL0115D-10 9	-BLOWER PRODUCER 10HP DROP DOWN	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	
95	20 HA	M 24	-MOTOR		10	3	460	12	-	-	-	-	-	-	-	
96	20 HB	BL1007D-NZ- 4	-PIVOTING NOZZLE -FRONT TO BACK	BL1007D-NZ-	-	-	-	-	-	-	-	-	-	-	-	
97	20 HC	BL1DC-2678 9	- AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	
98	20 I	BL0115D-10 10	-BLOWER PRODUCER 10HP DROP DOWN	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	
99	20 IA	M 25	-MOTOR		10	3	460	12	-	-	-	-	-	-	-	
100	20 IB	BL1007D-NZ- 5	-PIVOTING NOZZLE -FRONT TO BACK	BL1007D-NZ-	-	-	-	-	-	-	-	-	-	-	-	
101	20 IC	BL1DC-2678 10	- AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	
102	20 ID	WA1P 7	-AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	
103	20 IDA	SOL 15	-SOLENOID VALVE		-	1	120	0.25	1/4 NPT	-	-	-	-	-	-	
104	20 IE	WA1P 8	-AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	
105	20 IEA	SOL 16	-SOLENOID VALVE		-	1	120	0.25	1/4 NPT	-	-	-	-	-	-	
106	20 J	BL0115D-10 11	-BLOWER PRODUCER 10HP-IV ROW	BL0115D-10	-	-	-	-	-	-	-	-	-	-	-	
107	20 JA	M 26	-MOTOR		10	3	460	12	-	-	-	-	-	-	-	
108	20 JB	BL1007D-NZ- 6	-PIVOTING NOZZLE -FRONT TO BACK	BL1007D-NZ-	-	-	-	-	-	-	-	-	-	-	-	
109	20 JC	BL1DC-2678 11	- AIR GATE	BL1DC-2678	-	-	-	-	-	-	-	-	-	-	-	
110	20 JD	WA1P 9	-AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	
111	20 JDA	SOL 17	-SOLENOID VALVE		-	1	120	0.25	1/4 NPT	-	-	-	-	-	-	
112	21	FM1-EL 1	FINISHING MODULE ELECTRIC DRIVE	FM1-EL	-	-	-	-	-	-	-	-	-	-	-	
113	21 A	SW2 1	SIDE MIRROR WIPER	SW2	-	-	-	-	-	-	-	-	-	-	-	
114	21 AA	M 27	-MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	
115	21 AB	M 28	-MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	
116	21 AC	WA1P 10	-AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	
117	21 ACA	SOL 18	-SOLENOID VALVE		-	1	120	0.25	1/4 NPT	-	-	-	-	-	-	
118	21 B	HT2 1	SOLARONIC HEATERS BUT's 950 000	HT2	-	-	-	-	-	-	-	-	-	-	950000	
119	21 BA	M 29	-MOTOR		2	3	460	2	1/4 NPT	-	-	-	-	-	-	
120	21 C	HT2 2	SOLARONIC HEATERS BUT's 950 000	HT2	-	-	-	-	-	-	-	-	-	-	950000	
121	21 CA	M 30	-MOTOR		2	3	460	2	1/4 NPT	-	-	-	-	-	-	
122	21 D	TB3-CUS999 1	TIRE DRESSING APPLICATOR	TB3-CUS999	-	-	-	0.46	-	-	-	-	-	-	-	
123	21 DA	M 31	-MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	
124	21 DB	M 32	-MOTOR		1.5	3	460	2	-	-	-	-	-	-	-	
125	21 DC	WA1P 11	-AIR CONTROL PANEL	WA1P	-	-	-	-	-	-	-	-	-	-	-	
126	21 DCA	SOL 19	-SOLENOID VALVE		-	1	120	0.25	1/4 NPT	-	-	-	-	-	-	
127	21 DD	APS1-2F 1	-DUAL FLOJET PUMP PANEL	APS1-2F	-	-	-	-	-	-	-	-	-	-	-	
128	21 DDA	SOL 20	-SOLENOID VALVE		-	1	120	0.25	-	-	-	-	-	-	-	
129	21 DDB	SOL 21	-SOLENOID VALVE		-	1	120	0.25	-	-	-	-	-	-	-	
130	22	LR1 1	LADDER RACK 60ft LG.	LR1	-	-	-	-	-	-	-	-	-	-	-	
131	22 A	J3426L-36 6	L-BRACKET 36LG. SS	J3426L-36	-	-	-	-	-	-	-	-	-	-	-	
132	23	MCC 1	MOTOR CONTROL CENTER for DUAL BELT	MCC	-	3	460	-	-	-	-	-	-	-	-	
133	24	MCC 1	MOTOR CONTROL CENTER for OTHERS	MCC	-	3	460	-	-	-	-	-	-	-	-	
134	25	PS2D10 1	DOUBLE STACK PUMPING STATION D10	PS2D10	-	-	-	-	-	-	-	-	-	-	-	
135	25 A	M 33	-MOTOR		7.5	3	460	9	-	-	-	-	-	-	-	
136	25 B	M 34	-MOTOR		7.5	3	460	9	-	-	-	-	-	-	-	
137	25 C	LLS 2	-LOW LEVEL SWITCH	LLS	-	1	120	0.28	-	-	-	-	-	-	-	
138	26	PS2H25D35 1	DOUBLE PUMPING STATION(PO1,PWB1)	PS2H25D35	-	-	-	-	-	-	-	-	-	-	-	
139	26 A	M 35	-MOTOR		15	3	460	17	-	-	-	-	-	-	-	
140	26 B	M 36	-MOTOR		20	3	460	23	-	-	-	-	-	-	-	
141	26 C	LLS 3	-LOW LEVEL SWITCH	LLS	-	1	120	0.28	-	-	-	-	-	-	-	
142	27	P-1SL1 1	WATER CONTROL PANEL	P-1SL1	-	-	-	-	-	-	-	-	-	-	-	
143	27 A	SOL 22	-SOLENOID VALVE-1", AA5DSHOW BAR		-	1	120	0.25	-	-	-	1"	-	7.50	-	
144	28	P-1SL1 2	WATER CONTROL PANEL	P-1SL1	-	-	-	-	-	-	-	-	-	-	-	
145	28 A	SOL 23	-SOLENOID VALVE-1", AA5DSHOW BAR		-	1	120	0.25	-	-	-	1"	-	7.50	-	
146	29	P-3SL1 1	WATER CONTROL PANEL	P-3SL1	-	-	-	-	-	-	-	-	-	-	-	
147	29 A	SOL 24	-SOLENOID VALVE-1", PS2D10 TANK		-	1	120	0.25	-	-	1"	-	-	16.00	-	
148	29 B	SOL 25	-SOLENOID VALVE-1", PS2D10 RO PUMP		-	1	120	0.25	-	-	-	1"	-	8.00	-	
149	29 C	SOL 26	-SOLENOID VALVE-1", PS2D10 CITY PUMP		-	1	120	0.25	-	-	1"	-	-	8.00	-	
150	30	P-3SL2 1	WATER CONTROL PANEL	P-3SL2	-	-	-	-	-	-	-	-	-	-	-	
151	30 A	SOL 27	-SOLENOID VALVE-2", PO1 D35 PUMP		-	1	120	0.25	-	-	-	-	2"	30.00	-	
152	30 B	SOL 28	-SOLENOID VALVE-2", PWB1 H25PUMP		-	1	120	0.25	-	-	-	-	2"	20.00	-	
153	30 C	SOL 29	-SOLENOID VALVE-2", PWB1 H25PUMP		-	1	120	0.25	-	-	-	-	2"	20.00	-	
154	31	P-2SL1 1	WATER CONTROL PANEL	P-2SL1	-	-	-	-	-	-	-	-	-	-	-	
155	31 A	SOL 30	-SOLENOID VALVE-1", PS2H25D35TANK		-	1	120	0.25	-	-	1"	-	-	50.00	-	
156	31 B	SOL 31	-SOLENOID VALVE-1", PSH25 TANK		-	1	120	0.25	-	-	1"	-	-	20.00	-	
157	32	P-3SL1 2	WATER CONTROL PANEL	P-3SL1	-	-	-	-	-	-	-	-	-	-	-	
158	32 A	SOL 32	-SOLENOID VALVE-1", DWACB0405		-	1	120	0.25	-	-	-	-	1"	2.00	-	
159	32 B	SOL 33	-SOLENOID VALVE-1", MC2		-	1	120	0.25	-	-	-	-	1"	2.00	-	
160	32 C	SOL 34	-SOLENOID VALVE-1", MM5		-	1	120	0.25	-	-	-	-	1"	2.00	-	
161	33	SL1-G-120V 1	SOLENOID VALVE1"-BELT FLUSH	SL1-G-120V	-	-	120	0.25	-	-	-	-	1"	5	-	
162	#															
TOTAL Σ					0.00	-	460	315.00	-	-	-	-	-	128.00	2E+06	
NOTE A					HP	PHASE	VOLTS	AMPS	C.B.	AIR PORT	COLD	HOT	RO	RECLAIM	gal/min.	GAS (BTUH)
NOTE B					ELECTRICAL											
NOTE C					A											
NOTE D					the following variables:											
					Conveyor Speed: 1.0 ft/sec											
					Vehicles per Hour: 114											
					Vehicle Length: 15 feet											
NOTE E					The equipment with a part number located in the PART # column is listed on the equipment list and quote											



COPYRIGHT
THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF A.V.W. EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM A.V.W. CO.

GENERAL NOTES

NOTES:

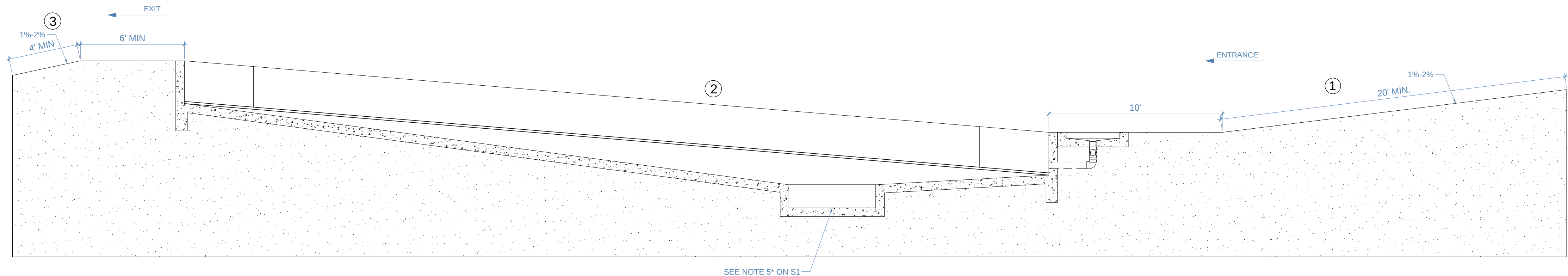
1. ENTRANCE SLOPE DOWNHILL INTO WASH AT 1-2% GRADE FOR 20'-0" MIN, THEN FLAT FOR 10'-0" ONTO CONVEYOR.
2. SLOPE EQUAL TO 1" RISE FOR EVERY 30'-0" MIN. TO 20'-0" MAX. RISING FROM TUNNEL'S ENTRANCE TO EXIT.
3. EXIT SLOPE FLAT FOR 6'-0" MIN. SO CAR DOES NOT ROLL OUT TOO EARLY FROM THE DRYER ,THEN DOWNHILL SLOPE FOR 4'-0" MIN. AT 1-2% GRADE, SO THE CAR ROLLS ITSELF OFF THE CONVEYOR.

CONVEYOR AND EQUIPMENT BY A.V.W. EQUIPMENT CO.

CONTRACTOR TO VERIFY ALL DIMENSIONS

CONCRETE FOOTINGS AND STRENGTH TO COMPLY WITH LOCAL BUILDINGS CODES.

DO NOT SUBSTITUTE FOR ARCHITECTURAL PLAN.



A
S0 CONVEYOR PIT SLOPES
SCALE: 1/4" = 1'-0"

NO.	REVISION /ISSUE	DATE

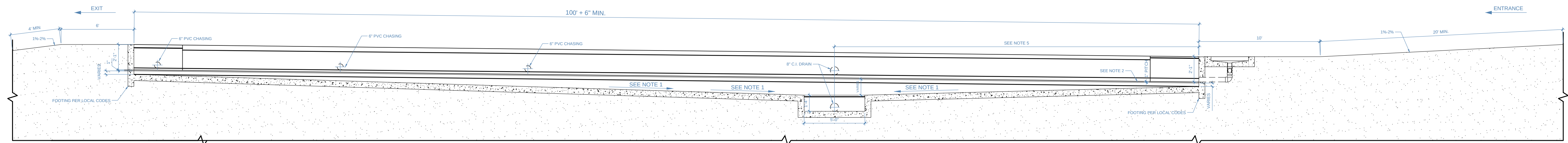
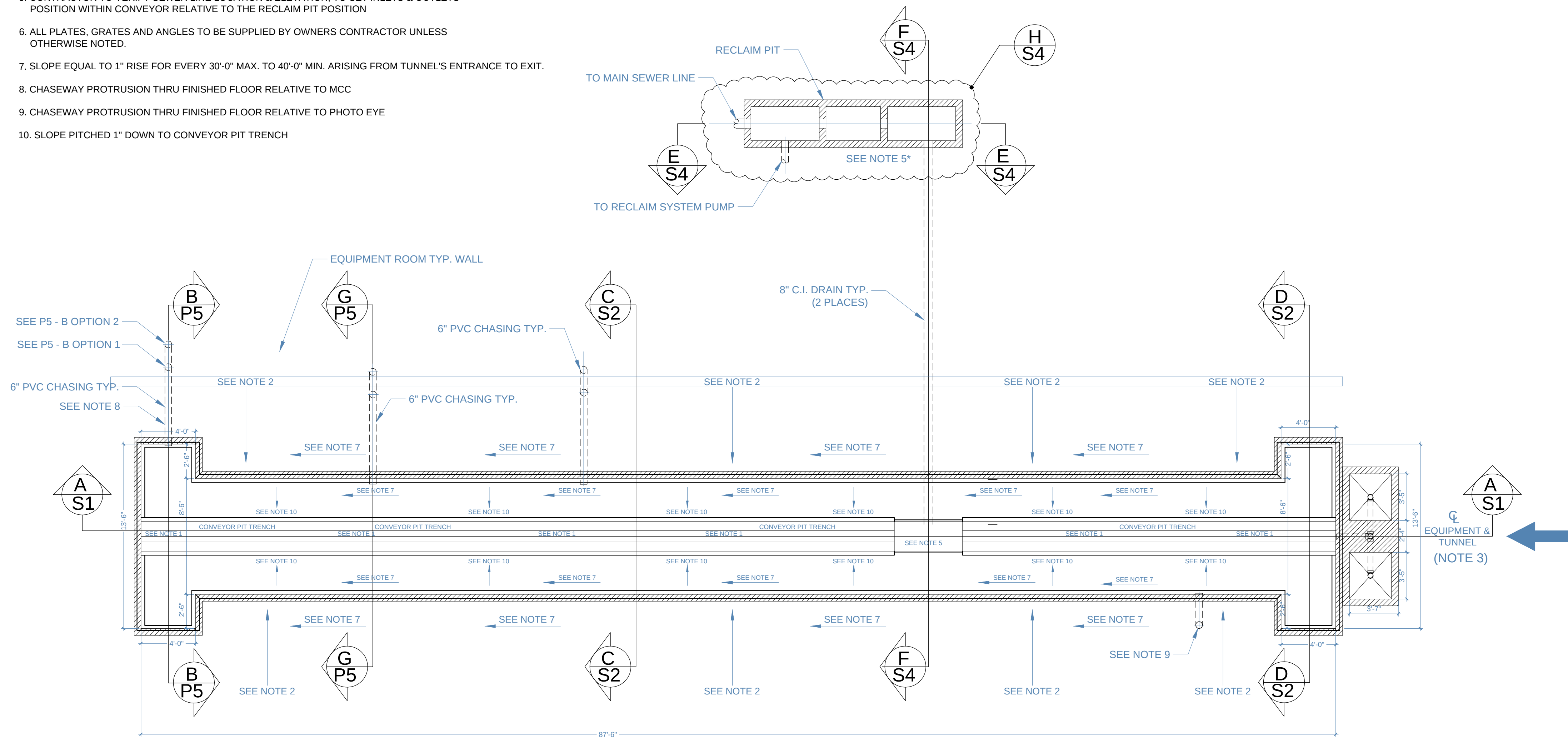
CUSTOMER NAME
A.V.W. EQUIPMENT CO., INC. MAYWOOD, IL
PROJECT NAME
GENERAL PROJECT

DRAWING NAME	
CONVEYOR SLOPE	
DRAWN BY	
Milka Vranes	
DATE	REVISION
2018	

S/O# N/A	SHEET S0
DWG# EQ-2-0900	
PAGE# CO-2-0900-1	

- NOTES:
1. SLOPE IS PITCHED DOWN 1" FOR EVERY 30'-0" MIN. TO 20'-0" MAX. FROM ENTRANCE AND EXIT TO SUMP.
 2. MINIMUM PITCH OF 1" FOR EVERY 30'-0" MAX TO 40'-00" MIN TO CONVEYOR.
 3. EQUIPMENT CENTERLINE TO BE EQUIVALENT WITH CENTERLINE SPANNING FROM THE CENTER OF THE TUNNEL'S ENTRANCEWAY TO THE CENTER OF THE TUNNELS' EXIT WAY.
 4. CONVEYOR PIT TO BE LOCATED FROM EQUIPMENT CENTERLINE. SEE DRAWING S2
 5. CONTRACTOR TO VERIFY SEWER LINE LOCATION & ELEVATION, TO SET INLETS & OUTLETS POSITION WITHIN CONVEYOR RELATIVE TO THE RECLAIM PIT POSITION
 6. ALL PLATES, GRATES AND ANGLES TO BE SUPPLIED BY OWNERS CONTRACTOR UNLESS OTHERWISE NOTED.
 7. SLOPE EQUAL TO 1" RISE FOR EVERY 30'-0" MAX. TO 40'-0" MIN. ARISING FROM TUNNEL'S ENTRANCE TO EXIT.
 8. CHASEWAY PROTRUSION THRU FINISHED FLOOR RELATIVE TO MCC
 9. CHASEWAY PROTRUSION THRU FINISHED FLOOR RELATIVE TO PHOTO EYE
 10. SLOPE PITCHED 1" DOWN TO CONVEYOR PIT TRENCH

CONVEYOR AND EQUIPMENT BY A.V.W. EQUIPMENT CO.
CONTRACTOR TO VERIFY ALL DIMENSIONS
CONCRETE FOOTINGS AND STRENGTH TO COMPLY WITH LOCAL BUILDINGS CODES.
DO NOT SUBSTITUTE FOR ARCHITECTURAL PLAN.



A
S1
CONVEYOR PIT SECTION
SCALE: 3/16" = 1'-0"



COPYRIGHT
THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF AVW EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM AVW CO.

GENERAL NOTES

NO.	REVISION/ISSUE	DATE

CUSTOMER NAME

XXX

PROJECT NAME

XXXX

DRAWING NAME
CONVEYOR PIT PLAN & SECTION

DRAWN BY
Milka Vranes

DATE 08-22-2018	REVISION 1
--------------------	---------------

S/O# N/A	SHEET S1
DWG# EQ-2-0910	
PAGE# CO-2-0910-2	



COPYRIGHT

THIS DRAWING AND ITS DESIGNS ARE PROPERTY OF A.V.W. EQUIPMENT CO. & IT IS NOT TO BE USED OR REPRODUCED WITHOUT THE PERMISSION FROM A.V.W. CO.

GENERAL NOTES

NO. REVISION/ISSUE DATE

CUSTOMER NAME

A.V.W. EQUIPMENT
CO., INC.
MAYWOOD, IL

PROJECT NAME

GENERAL PROJECT

DRAWING NAME

SECTION THRU CONVEYOR PIT

DRAWN BY

Milka Vranes

DATE

2018

REVISION

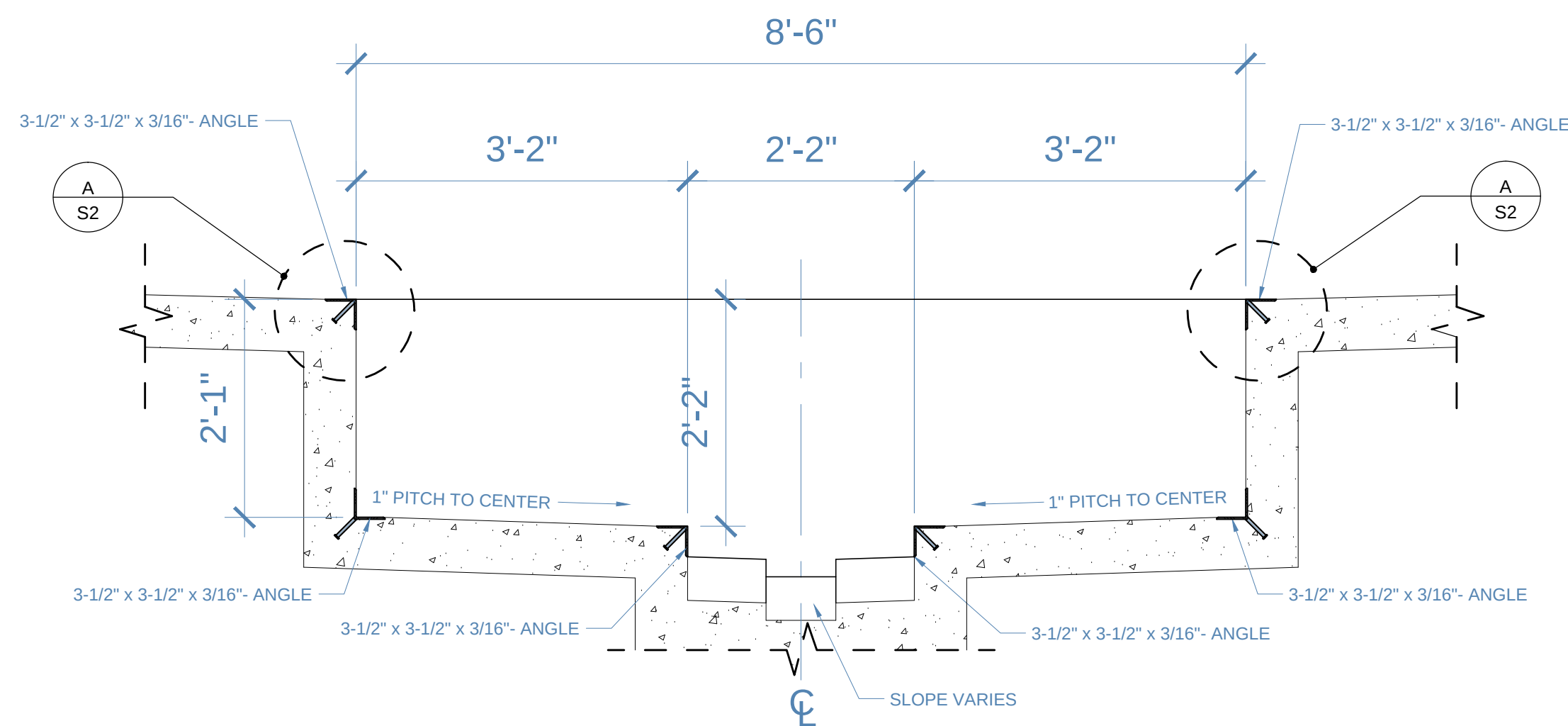
S/O# N/A

DWG# EQ-2-0900

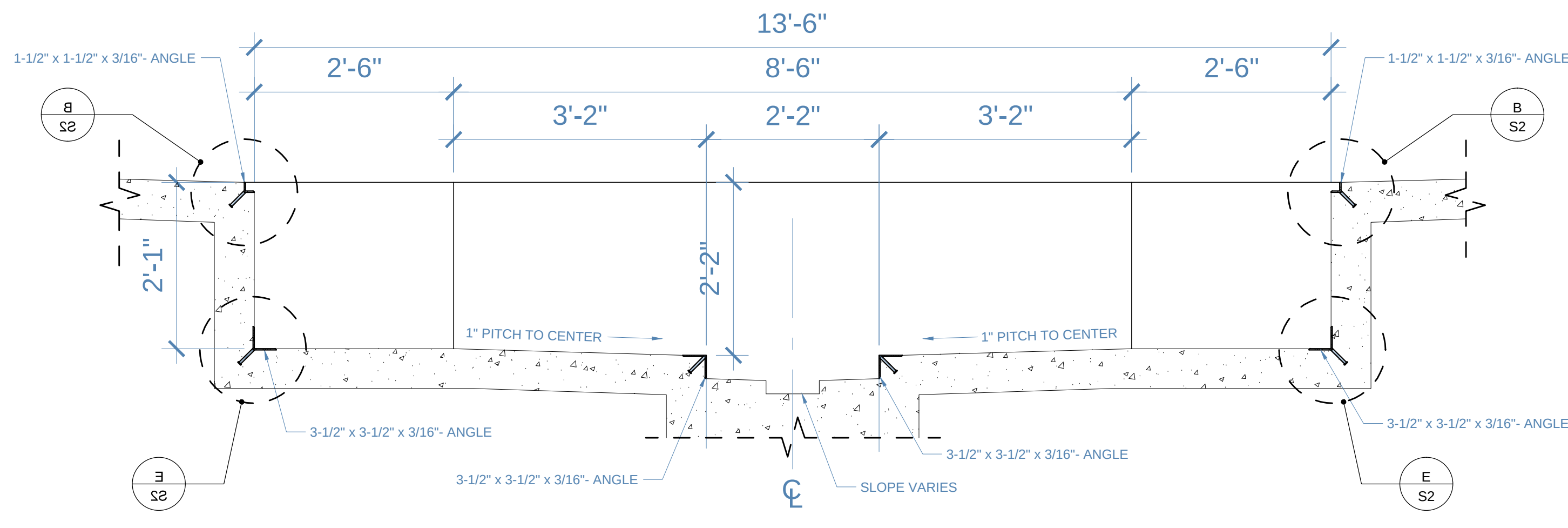
PAGE# CO-2-0900-3

SHEET

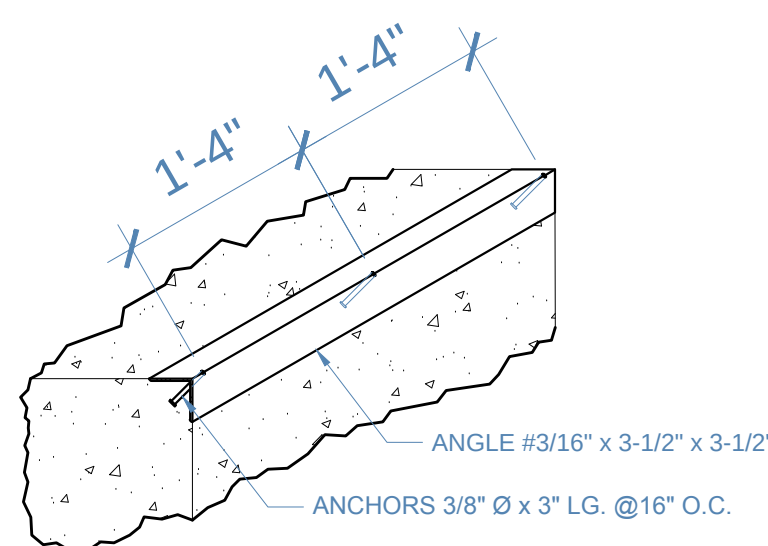
S2



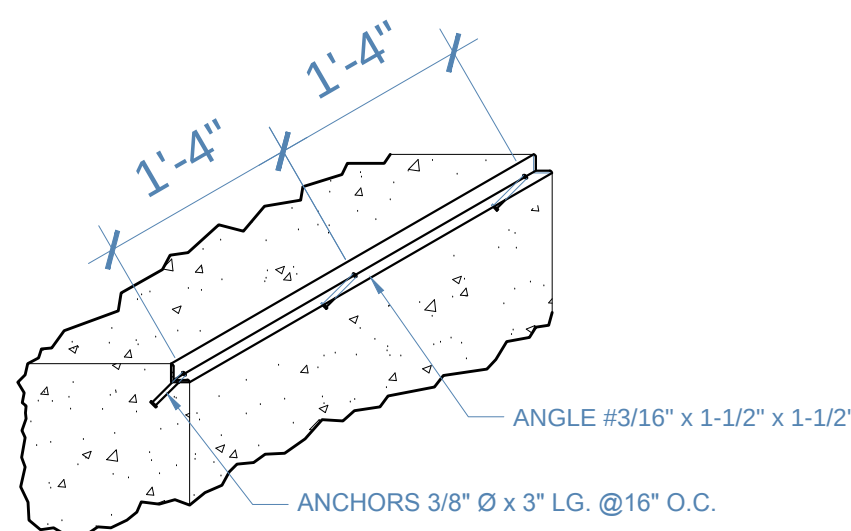
C-C SECTION
S2 SCALE: 3/4" = 1'-0"



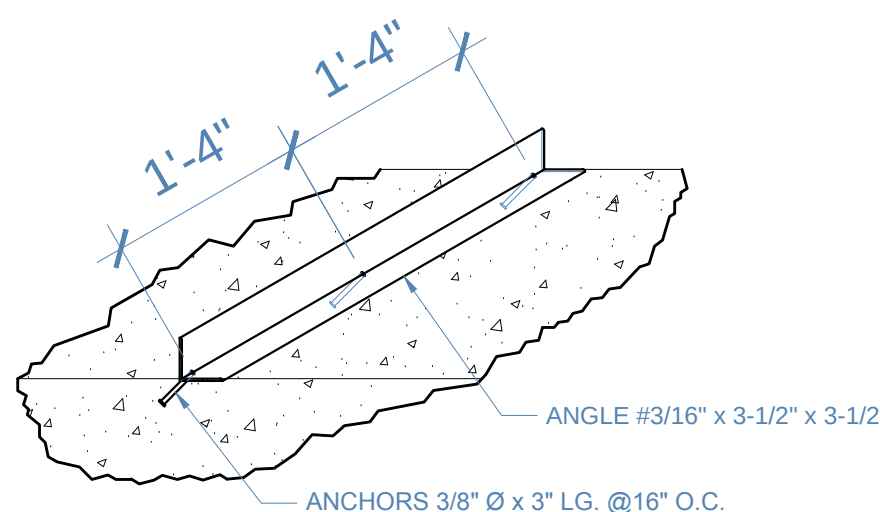
D-D SECTION
S2 SCALE: 3/4" = 1'-0"



A-A DETAIL
S2 SCALE: 3/4" = 1'-0"



B-B DETAIL
S2 SCALE: 3/4" = 1'-0"



E-E DETAIL
S2 SCALE: 3/4" = 1'-0"

CONVEYOR AND EQUIPMENT BY A.V.W. EQUIPMENT CO.

CONTRACTOR TO VERIFY ALL DIMENSIONS

CONCRETE FOOTINGS AND STRENGTH TO COMPLY
WITH LOCAL BUILDINGS CODES.

DO NOT SUBSTITUTE FOR ARCHITECTURAL PLAN.