

**SECTION 00 91 13.1 ADDENDUM #1****1.1 PROJECT INFORMATION**

- A. 9<sup>th</sup> & Main Garage – Elevator Refurbishment Project
- B. Owner: Capital City Development Corporation
- C. Date of Addendum: February 19, 2020

**1.2 NOTICE TO BIDDERS**

- A. This addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and any previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated in the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum, at same time and location.
  - 1. Bid Date: February 26, 2020 by 3:00 p.m. local time

**1.3 REVISIONS TO DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS**

- A. Document 00 01 10 TABLE OF CONTENTS: Revised to insert line 00 91 13.1 ADDENDUM #1.

**1.4 REVISIONS TO DRAWING SHEETS**

- A. SHEET E0.01 – ELECTRICAL LEGENDS, NOTES & ONE-LINE
  - 1. ADDED available short circuit calculations for elevator equipment to one-line. ADDED keynote.

SEE ATTACHED REVISED SHEET E0.01

## 1.5 REVISIONS TO DIVISION 14 TECHNICAL SPECIFICATIONS

## A. DIVISION 14 24 00 – CONVEYING EQUIPMENT

1. Section 1.13.8.a REVISE to read “Retain existing car roller guides, provide new inserts.”
2. Section 2.01.H. REVISE “Stops” to read “5”
3. Section 2.05 Hoistway Equipment REMOVE Item L.

## 1.6 COMPARABLE OR EQUAL PRODUCT REQUEST

1. No comparable or equal products have been approved. Bid as per plans and specifications.

## 1.7 PRE-BID MEETING QUESTIONS

## A. The following questions have been asked during the question period. The following answers are provided by Architect to assist Bidders.

1. **QUESTION:** The spec call for the doors the be painted, 5wl and SS# 4, also the cab has different finishes. (Please pick one.)  
**ANSWER:** Refer to Division 14 24 00 Section 2.08 Car Enclosures
2. **QUESTION:** The plans and spec do not tell the travel or if it's a single in-ground jack or twin post.  
**ANSWER:** Refer to Division 14 24 00, Section 3.01 – Site Conditions Inspection
3. **QUESTION:** Does the cab get a new SS# 4 ceiling?  
**ANSWER:** Refer to Division 14 24 00 Section 2.08 Car Enclosures.
4. **QUESTION:** New pit ladder or add on top the existing, the spec has both.  
**ANSWER:** Refer to Division 14 24 00 Section 1.02.13.
5. **QUESTION:** How many handrails are there?  
**ANSWER:** Refer to Division 14 24 00, Section 2.01.H.
6. **QUESTION:** New power units, submersible or dry?  
**ANSWER:** Refer to Division 14 24 00 Section 2.04 Machine Room Equipment

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END OF SECTION 00 91 13.1



## **9<sup>th</sup> & Main Garage – Elevator Refurbishment Project**

### **Pre-Bid Conference Agenda**

**February 11, 2020 at 11:00 am**  
**CCDC office and Site Tour**

1. Welcome and Introductions
2. Key Dates
  - Final day for Questions: 5:00 p.m. February 13, 2020 5pm

Questions must be in writing to Kathy [kwanner@ccdcboise.com](mailto:kwanner@ccdcboise.com) ,  
copy to: [medmond@ccdcboise.com](mailto:medmond@ccdcboise.com)

  - Objections to Specifications / Bidding process: 5:00 p.m. February 19, 2020
  - Due Date: February 26, 2020 3:00 p.m.
3. Submittal Requirements
  - 00 41 13 Bid Form
  - 00 45 46 Contractor's Affidavit Concerning Taxes
  - Bid security required (5%)

Valid Public Works License is required
4. Scope of Work  
Review of Plans and Specifications
5. Questions
6. Site Tour



9<sup>th</sup> & Main Garage – Elevator Refurbishment Project  
 Pre-Bid Meeting February 11, 2020 at 11:00 am  
 CCDC Office

### Sign-In Sheet

Name	Company	Telephone Number	Email Address
Kenneth & Dooley	Northwest Elevator + Co	208-994-9100	Ken@NWelevators.com
Gabe Beal	Beal Corp	208.985.3489	gabe@bealcorporation.com
Kathy Wanner	CCDC	208-384-4264	Kwanner@ccdcboise.com
Brian Coleman	Hummel	208.860.9563	Brian@hummelarch.com
Diane Rawson	Schindler	208-577-5541	diane.rawson@schindler.com
Damon Rush	Schindler	208-941-0751	damon.rush@schindler.com
Matt Edmund	CCDC	208-384-4264	medmond@ccdcboise.com



E

D

C

B

A

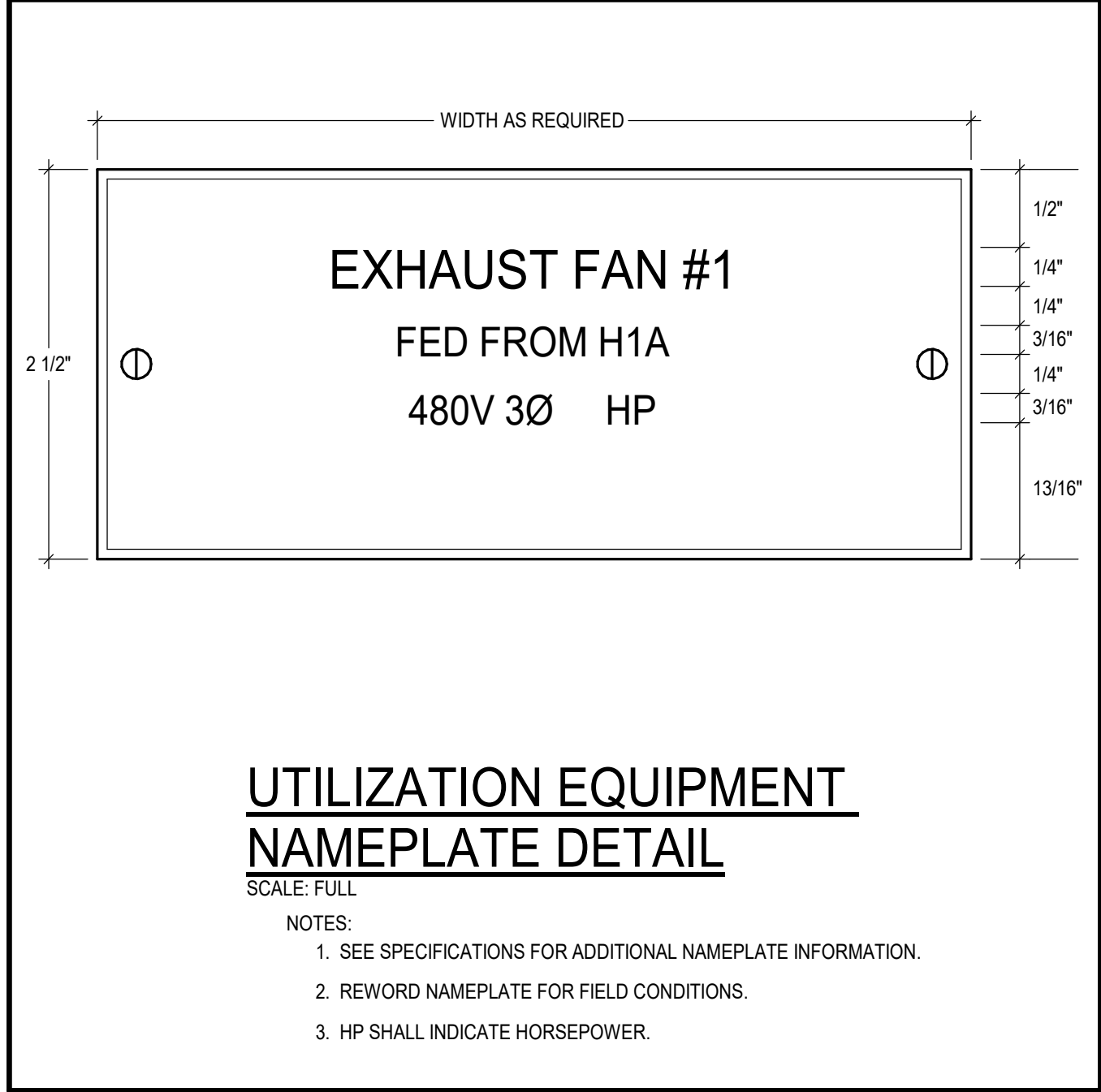
POWER LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE RECEPTACLE		PLUG MOLD (MULTI-OUTLET ASSEMBLY)
	DUPLEX RECEPTACLE		WIREMOLD (SURFACE RACEWAY)
	DOUBLE DUPLEX RECEPTACLE		CONDUIT CONCEALED
	DUPLEX RECEPTACLE, HALF SWITCHED		CONDUIT EXPOSED
	DUPLEX RECEPTACLE, CEILING MOUNTED		CONDUIT UNDERGROUND OR CONCEALED IN FLOOR
	DUPLEX RECEPTACLE, FLOOR MOUNTED		CONDUIT TURNING DOWN
	DOUBLE DUPLEX RECEPTACLE, FLOOR MOUNTED		CONDUIT TURNING UP
	SPECIAL RECEPTACLE		CONDUIT CAPPED
	SPECIAL RECEPTACLE, FLOOR MOUNTED		BRANCH CIRCUIT HOME RUN, NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS, SUBSCRIPTS INDICATE PANEL & CIRCUITS
	JUNCTION BOX, FLOOR OR CEILING MOUNTED		GROUND BAR
	JUNCTION BOX, WALL MOUNTED		MAIN SWITCHBOARD/DISTRIBUTION CENTER
	MOTOR		TRANSFORMER
	DISCONNECT SWITCH (NON-FUSED)		CURRENT TRANSFORMER
	DISCONNECT SWITCH (FUSED)		THERMOSTAT
	VARIABLE SPEED DRIVE WITH DISCONNECT		GENERATOR ANNUNCIATOR PANEL
	UTILITY METER		SHADING INDICATES EMERGENCY SYSTEM
	ELECTRICAL PANELBOARD, CONTROL PANEL, OR OTHER CABINET AS NOTED		TEXT INDICATES PANEL AND CIRCUIT DESIGNATION

ABBREVIATIONS LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A	AMPERES	MCP	MOTOR CIRCUIT PROTECTOR
AC	ABOVE COUNTER, MOUNT HORIZONTALLY TO CENTERLINE OF DEVICE, +6" ABOVE COUNTER OR BACK SPLASH	MCC	SEE MECHANICAL EQUIPMENT SCHEDULE
AFF	ABOVE FINISHED FLOOR	MIN	MINIMUM
AFG	ABOVE FINISHED GRADE	MLO	MAIN LUGS ONLY
ANN	ANNUNCIATOR	MTS	MANUAL TRANSFER SWITCH
ARF	ABOVE RAISED FLOOR	NC	NORMALLY CLOSED
ASSD	AIR SAMPLING SMOKE DETECTION	NIC	NOT IN CONTRACT
ATS	AUTOMATIC TRANSFER SWITCH	NL	NIGHT LIGHT
BFG	BELOW FINISHED GRADE	NO	NORMALLY OPEN
C	CONDUIT	NTS	NOT TO SCALE
CATV	CABLE TELEVISION	OC	ON CENTER
CB	CIRCUIT BREAKER	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
CCTV	CLOSED CIRCUIT TELEVISION	OFOI	OWNER FURNISHED, OWNER INSTALLED
(E)	EXISTING	OSWF	ON SITE WORK FORCE
EM	EMERGENCY	PB	PULL BOX
EMDC	EMERGENCY MAIN DISTRIBUTION CENTER	SB	STAND-BY
EP	EXPLOSION PROOF	SOC	SUB-DISTRIBUTION CENTER
EPO	EMERGENCY POWER OFF	TP	TAMPER PROOF
EVO	EMERGENCY VENTILATION ON/OFF	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EW	ELECTRIC WATER COOLER	TYP	TYPICAL
FA	FIRE ALARM	UF	UNDER FLOOR
G	GROUND	UG	UNDER GROUND
GCP	GENERATOR CONTROL PANEL	UON	UNLESS OTHERWISE NOTED
GFI	GROUND FAULT CIRCUIT INTERRUPTER	UPS	UNINTERRUPTIBLE POWER SUPPLY
HOA	HAND OFF AUTOMATIC	V	VOLTS
IG	ISOLATED GROUND	VFD	VARIABLE FREQUENCY DRIVE
MAX	MAXIMUM	W	WITH
MCB	MAIN CIRCUIT BREAKER	W/O	WITHOUT
MCC	MOTOR CONTROL CENTER	WP	WEATHER PROOF
MDC	MAIN DISTRIBUTION CENTER	XTMR	TRANSFORMER

REFERENCE SYMBOLS LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	KEY NOTE REFERENCE		KITCHEN/OWNER/MEDICAL EQUIPMENT REFERENCE
	TYPICAL CIRCUIT NUMBER		EXISTING TO REMAIN
	TYPICAL LUMINAIRE TYPE		EXISTING TO BE REMOVED
	TYPICAL ROOM REFERENCE (TOP = RM #, BOTTOM = FLR)		EXISTING TO BE RELOCATED
	MECHANICAL EQUIPMENT REFERENCE		EXISTING TO REMAIN - REPLACE DEVICE
	LIGHTING CONTROL / EQUIPMENT REFERENCE		EXISTING TO BE REMOVED AND REPLACED

ONE-LINE DIAGRAM LEGEND (Not all symbols listed below are used on these drawings)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DISCONNECT SWITCH		PANELBOARD "A"
	DISCONNECT SWITCH, FUSED		EM-ENERGY METER, RM-POWER METER, CM-CIRCUIT MONITOR
	CIRCUIT BREAKER		VOLTMETER TEST SWITCH
	FUSE		AMMETER TEST SWITCH
	GROUND		VOLTMETER
	STEP DOWN TRANSFORMER, # INDICATES KVA		AMMETER
	K-RATED STEP DOWN TRANSFORMER, # INDICATES KVA, # INDICATES K RATING		SEE FEEDER/MCC/TRANSFORMER SCHEDULES FOR FEEDER SIZE
	CURRENT TRANSFORMER		ENGINE GENERATOR
	POTENTIAL TRANSFORMER		CONTACTOR/RELAY/CAPACITOR (AS NOTED)
	SERVICE ENTRANCE TRANSFORMER		TRANSFER SWITCH - ATS-AUTOMATIC, MTS-MANUAL
	METER		GROUND FAULT INTERRUPTER
	EQUIPMENT ENCLOSURE		SURGE PROTECTIVE DEVICE
	SERVICE WEATHERHEAD		SHUNT TRIP
	SHORT CIRCUIT CURRENT AVAILABLE		TERMINATIONS LB-L LOAD BREAK, NLB-NO LOAD BREAK
	KIRK KEY INTERLOCK, SUBSCRIPT INDICATES INTERLOCKED GROUP		DRAW-OUT DEVICE
	ELECTRICAL INTERLOCK, SUBSCRIPT INDICATES INTERLOCKED GROUP		PLUG-IN DEVICE
	MECHANICAL INTERLOCK		ELECTRICALLY OPERATED

MECHANICAL EQUIPMENT SCHEDULE														
GENERAL NOTES:														
A.	PRIOR TO WORK, VERIFY ELECTRICAL REQUIREMENTS (VOLTAGE, AMPERAGE, RECOMMENDED OCPD, CONDUCTORS, AND DISCONNECT) FOR EACH PIECE OF EQUIPMENT.													
B.	PRIOR TO WORK, VERIFY EXACT LOCATION FOR EACH PIECE OF EQUIPMENT.													
C.	COORDINATE AND PROVIDE ALL FIELD CONNECTIONS AS REQUIRED.													
D.	COORDINATE 120V POWER CONNECTIONS TO DAMPERS AND OTHER CONTROL CIRCUITS. GROUP EQUIPMENT CONTROL CIRCUITS SUCH THAT FAILURE OF ONE CONTROL CIRCUIT DOES NOT AFFECT OPERATION OF OTHER EQUIPMENT. FOR EXAMPLE, DO NOT CONNECT A DAMPER ASSOCIATED WITH ONE AIR HANDLING UNIT TO THE SAME BRANCH CIRCUIT AS DAMPERS ASSOCIATED WITH A DIFFERENT AIR HANDLING UNIT.													
E.	FEEDERS, BREAKERS, DISCONNECTS, AND FUSING APPLIES TO FIELD-INSTALLED AND/OR FACTORY-INSTALLED EQUIPMENT.													
F.	COORDINATE LOCATION OF VFD(S) AND WORKING SPACE CLEARANCES. IF INSTALLED REMOTE FROM EQUIPMENT, PROVIDE CIRCUIT CONNECTION FROM VFD TO MOTOR(S).													
G.	WHERE MULTIPLE MOTORS ARE SERVED BY A SINGLE VFD, COORDINATE FIELD-WIRING REQUIREMENTS WITH EQUIPMENT VENDOR.													
SPECIFIC NOTES:														
1. INDOOR UNIT LINE VOLTAGE PROVIDED VIA OUTDOOR UNIT, MATCHED SYSTEM COMPONENT-CU-X														
2. MATCHED SYSTEM COMPONENT: AC-X														
Key	#	Item	HP	FLA	Load	Eq Load (VA)	Voltage	Feeders			Protection		Fuse	Notes
								Wire	Ground	Conduit	Breaker	Disconnect		
AC	1	AC SPLIT SYSTEM - INDOOR	0	0 A	46 VA	46 VA	208V 1ph	2#10	#10G	3/4"	20A	30A		1
AC	2	AC SPLIT SYSTEM - INDOOR	0	0 A	64 VA	64 VA	208V 1ph	2#10	#10G	3/4"	20A	30A		1
CU	1	CONDENSING UNIT - OUTDOOR	0	18 A	0 VA	3806 VA	208V 1ph	2#10	#10G	3/4"	20A	30A		2
CU	2	CONDENSING UNIT - OUTDOOR	0	17 A	0 VA	3536 VA	208V 1ph	2#10	#10G	3/4"	20A	30A		2
EF	1	EXHAUST FAN	0	0 A	103 VA	103 VA	120V 1ph	2#12	#12G	3/4"	20 A	S		
EM	1	ELEVATOR MOTOR	40	0 A	0 VA	43232 VA	480V 3ph	3#4	#8G	1-1/4"	100 A	100 A	90 A	
EM	2	ELEVATOR MOTOR	40	0 A	0 VA	43232 VA	480V 3ph	3#4	#8G	1-1/4"	100 A	100 A	90 A	
EUH	1	ELECTRIC UNIT HEATER	0	0 A	2000 VA	2000 VA	277V 1ph	2#12	#12G	3/4"	20 A	S		
EUH	2	ELECTRIC UNIT HEATER	0	0 A	2000 VA	2000 VA	277V 1ph	2#12	#12G	3/4"	20 A	S		
EUH	2	ELECTRIC UNIT HEATER	0	0 A	2000 VA	2000 VA	277V 1ph	2#12	#12G	3/4"	20 A	S		



## UTILIZATION EQUIPMENT NAMEPLATE DETAIL

- NOTES:
- SEE SPECIFICATIONS FOR ADDITIONAL NAMEPLATE INFORMATION.
  - REWORD NAMEPLATE FOR FIELD CONDITIONS.
  - HP SHALL INDICATE HORSEPOWER.

Panel A																
Location:				Voltage: 120/208 Wye				A.I.C. Rating: 10KAIC								
Supply From:				Phase: 3				Mains Type: MCB								
Mounting: Surface				Wire: 4				Bus Rating: 225 A								
Enclosure: Type 1										MCB Rating: 225 A						
Circuit Notes:																
1. Provide new 2-pole breaker to match existing at capacity indicated																
Note	Circ...	Load	Type	Trip	Po...	A	B	C	Po...	Trip	Type	Load	Circ...	Note		
1		Telephone Board	--	20 A	1	0 VA	0 VA			1	20 A	--	L- S Elev corridor	2		
3		Fire Alarm Panel	--	20 A	1		0 VA	0 VA		1	20 A	--	R- Mech Rm & S Stair	4		
5		FRESCO Ltg	--	20 A	1			0 VA	0 VA	1	20 A	--	South POF	6		
7		Fresh Air North	--	20 A	1	0 VA	0 VA			1	20 A	--	Fire Pump comp & alarm	8		
9		Heater Employee RR	--	20 A	1		0 VA	0 VA		1	20 A	--	EF grease pit	10		
11		Water Heater RR	--	20 A	1			0 VA	0 VA	1	20 A	--	N Elev car lights,blade...	12		
13		EF Storage & Trash	--	20 A	1	0 VA	0 VA			1	20 A	--	R-North Stair	14		
15		R-Storage Rm	--	20 A	1		0 VA	0 VA		1	20 A	--	North POF	16		
17		R-Storage Rm	--	20 A	1			0 VA	0 VA	1	20 A	--	R-each floor	18		
19		S Entry Sign & Counter	--	20 A	1	0 VA	0 VA			1	20 A	--	EF RR - S Cafe Entry	20		
21		Sign	--	20 A	1		0 VA	1800 VA		2	20 A	M	SPLIT SYSTEM SOUTH ELEVATOR	22	1	
23		N Entry Sign & Counter	--	20 A	1			0 VA	1800 VA		2	20 A	M	SPLIT SYSTEM NORTH ELEVATOR	24	1
25		Parking Gate/Grnd S Exit	--	20 A	1	0 VA	1926 VA			2	20 A	M		26		
27		Warning Signs	--	20 A	1		0 VA	1926 VA		2	20 A	M		28		
29		Warning Signs	--	20 A	1			0 VA	0 VA	1	20 A	--	R-Attendant	30		
31		Spare in TDE	--	20 A	1	0 VA	0 VA			1	20 A	--	2nd floor POF	32		
33		Entry Lane	--	20 A	1		0 VA	0 VA		1	20 A	--	2nd floor CC	34		
35			--	20 A	1			0 VA	0 VA					36		
37		A/C Att Office heat pump	--	30 A	2	0 VA	0 VA			3	60 A	--	Panel A3	38		
39		Bike Cage exit	--	20 A	1		0 VA	0 VA					Spare	40		
41		Bike Cage outlet	--	20 A	1			0 VA	0 VA	1	20 A	--		42		
43			--	20 A	1	0 VA	0 VA							44		
45		S Stairwell Disconnect	--	60 A	3		0 VA	0 VA		3	20 A	--	N Stairs Disconnect 60A Multi	46		
47			--	20 A	1			0 VA	0 VA					48		
49		Booth Panel	--	20 A	2	0 VA	0 VA			1	20 A	--	EF Storage	50		
51			--	20 A	1		0 VA	0 VA		1	20 A	--	Water Heater Storage	52		
53		Car Coming Sign	--	20 A	1			0 VA	0 VA	1	20 A	--	Bike Cage Opener	54		
55		North Exit	--	20 A	1	0 VA	0 VA			1	20 A	--	Bike Cage	56		
57		Air Compressor	--	20 A	2		0 VA	0 VA		1	20 A	--	Elec Rm outlet	58		
59		Maint Shop	--	20 A	2			0 VA	0 VA	1	20 A	--	MCC Control Panel	60		
Total Load:						1926 VA	3726 VA	1800 VA								
Total Amps:						16 A	31 A	15 A								
Phase Balance:						93 % A-B	108 % B-C	9 % C-A								
Load Type	Connected Load	Demand Factor	Demand Load	Panel Totals												
L Lighting	0 VA	0.00%	0 VA	Power Factor: 1												
R Receptacle	0 VA	0.00%	0 VA													
M Motor	7452 VA	112.77%	8404 VA	Total Connected Load: 7452 VA												
C Continuous	0 VA	0.00%	0 VA	Total Connected Current: 21 A												
G General	0 VA	0.00%	0 VA													
K Kitchen	0 VA	0.00%	0 VA	Total Demand Load: 8404 VA												
E Existing	0 VA	0.00%	0 VA	Total Demand Current: 23 A												
O Other	0 VA	0.00%	0 VA													