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**2020**  
**24-7 TRAVEL STORE**  
 24-7 TRAVEL STORE  
 2710 Commerce Rd.  
 Goodland, Kansas

DRAWINGS ISSUED		
NO.	DATE	ITEM ISSUED
13	4/15/20	ADDENDUM NO. 2
12	4/09/20	ADDENDUM NO. 1
11	4/01/20	FOR BIDS
10	8/24/20	CHECK SET
9	1/21/20	REVISED PLAN
8	3/20/20	FOR BIDS
7	3/13/20	CHECK SET
6	2/28/20	CHECK SET
5	2/21/20	CHECK SET
4	2/13/20	CHECK SET
3	2/6/20	CHECK SET
2	1/30/20	CHECK SET

COMPUTER DRAWING

DATE: SEPTEMBER 2020  
DRAWN BY: CK CHECKED BY: DR

SHEET  
**E1.6**  
OF 1 SHEETS

Panel: H1		Voltage: 208/120		A.I.C. Rating: 65000A Series Rated								
Load Type: L=Lighting, R=Receptacle, M=Motors, HO=Hotel K=Kitchen, H=HVAC, MI=Misc		Phase: Three		Mains Rating: 225A								
Enclosure: Type 1		Wires: 4W + G		Main Breaker Size: 200A								
Sections: One		Panel Lugs: Main Lug Only		Mounting: Surface								
Circ No.	Load Description	Trip	Poles	Load Type	A	B	C	Load Type	Poles	Trip	Load Description	Circ No.
1	BIO PUMP	30	3	MI	2101			MI	1	20	SPACE	2
3						2101						4
5							2101					6
7	BIO SYSTEM CONTROLLER	20	1	MI	500			MI	1	20	SPACE	8
9	UNIT HEATER	20	2	H		1500		MI	1	20	SPACE	10
11							1500					12
13	LTG - SHED	20	1	L	500			MI	1	20	SPACE	14
15	AIR COMPRESSOR	70	2	MI		4500		MI	1	20	SPACE	16
17							4500					18
19	RCPTS - SHED	20	1	R	720			MI	1	20	SPACE	20
21	HEATER	25	2	H		2500		MI	1	20	SPACE	22
23							2500					24
25	SPARE	20	1	MI				MI	1	20	SPACE	26
27	SPARE	20	1	MI				MI	1	20	SPACE	28
29	SPARE	20	1	MI				MI	1	20	SPACE	30
31	SPARE	20	1	L				MI	1	20	SPACE	32
33	SPARE	20	1	L				MI	1	20	SPACE	34
35	SPARE	20	1	L				MI	1	20	SPACE	36
37	SPARE	20	1	L				MI	1	20	SPACE	38
39	SPARE	20	1	L				MI	1	20	SPACE	40
41	SPARE	20	1	L				MI	1	20	SPACE	42
					Total (KVA)	3,821	10,601	10,601				
					Total Connected (KVA)		25.02					
					Total Connected (Amps)		69.46					

Notes: \*VIA CONTACTOR

Panel: J		Voltage: 208/120		A.I.C. Rating: 65000A Series Rated								
Load Type: L=Lighting, R=Receptacle, M=Motors, HO=Hotel K=Kitchen, H=HVAC, MI=Misc		Phase: Three		Mains Rating: 225A								
Enclosure: Type 1		Wires: 4W + G		Main Breaker Size: N/A								
Sections: One		Panel Lugs: Main Lug Only		Mounting: Recessed								
Circ No.	Load Description	Trip	Poles	Load Type	A	B	C	Load Type	Poles	Trip	Load Description	Circ No.
1c	RCPT-REF-GFCI	20	1	R	960	2650		K	2	30	RCPT-ESPRESSO MACHINE	2
3c	RCPT-RAPID COOK OVEN-GFCI	30	2	K		3000	2650	K	2	30	RCPT-ESPRESSO MACHINE	4
5							3000					6
7c	RCPT-REF-GFCI	20	1	K	594	2650		K				8
9c	RCPT-NITROGEN COLD-GFCI	20	1	K			720	1320				10c
11c	RCPT-GRINDER-GFCI	20	1	K				720	1080			12c
13c	RCPT-SCALE-GFCI	20	1	R	100	720		R	1	20	RCPT-REF-GFCI	14c
15c	RCPT-NITROGEN GAS	20	1	R			300	1000				16
17*	MISC-COFFEE BREWER	30	3	K				2534	1000			18
19							2534	100				20
21								2534				22
23c	RCPT-AIRPORT WARMER	20	1	K					142			24
25c	RCPT-RO SYSTEM-GFCI	20	1	K	516							26
27c	RCPT-ICE MAKER-GFCI	20	1	K			1284					28
29c	GFCI SPARE	20	1	K								30
31c	RCPT-BLENDER-GFCI	20	1	K	1812							32
33c	RCPT-CHILLER-GFCI	20	1	K			840					34
35	RCPT-CARBONATOR	20	1	K					780			36
37*	WATER HEATER	50	3	H	6000							38
39								6000				40
41									6000			42
					Total (KVA)	18,636	19,648	17,906				
					Total Connected (KVA)		56.19					
					Total Connected (Amps)		155.97					

Notes: \* Provide and install lockable disconnect breaker

Panel: J		Voltage: 208/120		A.I.C. Rating: 65000A Series Rated								
Load Type: L=Lighting, R=Receptacle, M=Motors, HO=Hotel K=Kitchen, H=HVAC, MI=Misc		Phase: Three		Mains Rating: 225A								
Enclosure: Type 1		Wires: 4W + G		Main Breaker Size: N/A								
Sections: One		Panel Lugs: Main Lug Only		Mounting: Recessed								
Circ No.	Load Description	Trip	Poles	Load Type	A	B	C	Load Type	Poles	Trip	Load Description	Circ No.
1	BIO PUMP	30	3	MI	2101			MI	1	20	SPACE	2
3						2101						4
5							2101					6
7	BIO SYSTEM CONTROLLER	20	1	MI	500			MI	1	20	SPACE	8
9	UNIT HEATER	20	2	H		1500		MI	1	20	SPACE	10
11							1500					12
13	LTG - SHED	20	1	L	500			MI	1	20	SPACE	14
15	AIR COMPRESSOR	70	2	MI		4500		MI	1	20	SPACE	16
17							4500					18
19	RCPTS - SHED	20	1	R	720			MI	1	20	SPACE	20
21	HEATER	25	2	H		2500		MI	1	20	SPACE	22
23							2500					24
25	SPARE	20	1	MI				MI	1	20	SPACE	26
27	SPARE	20	1	MI				MI	1	20	SPACE	28
29	SPARE	20	1	MI				MI	1	20	SPACE	30
31	SPARE	20	1	L				MI	1	20	SPACE	32
33	SPARE	20	1	L				MI	1	20	SPACE	34
35	SPARE	20	1	L				MI	1	20	SPACE	36
37	SPARE	20	1	L				MI	1	20	SPACE	38
39	SPARE	20	1	L				MI	1	20	SPACE	40
41	SPARE	20	1	L				MI	1	20	SPACE	42
					Total (KVA)	3,821	10,601	10,601				
					Total Connected (KVA)		25.02					
					Total Connected (Amps)		69.46					

Notes: \* Provide and install lockable disconnect breaker

Panel: RA		Voltage: 208/120		A.I.C. Rating: 65000A									
Load Type: L=Lighting, R=Receptacle, M=Motors, HO=Hotel K=Kitchen, H=HVAC, MI=Misc		Phase: Three		Mains Rating: 600A									
Enclosure: Type 1		Wires: 4W + G + IG		Main Breaker Size: N/A									
Sections: Two		Panel Lugs: Main Lug Only		Mounting: Recessed									
Circ No.	Load Description	Trip	Poles	Load Type	A	B	C	Load Type	Poles	Trip	Load Description	Circ No.	
1	WATER HEATER	20	1	H	250	161		L	1	20	LTG - EXTERIOR GOOSENECK	2*	
3-LO	LTG - DINING DOWN	20	1	L			377	480				4	
5	REC - STOREFRONT	20	1	R				540	131			6	
9	MISC-DRIVE THRU	20	1	MI	1000	100						8*	
11	MISC-DRIVE THRU	20	1	MI			1000	1259				10	
13	SECURITY MONITOR	20	1	R				200	1259	H	3	20	KEF-1/MAU-1
15	CUH-HEATER	20	1	H	500	1259						14	
17	REC - CO2 SENSOR	20	1	R			180	1000				16	
19	LTG - DINING SIGNATURE FIXTURE	20	1	L				100	6837	MI	3	70	AC-1
21c	REC - CONVY COUNTER-GFCI	20	1	R			180	6837				22	
23c	REC - LAVATORY-GFCI	20	1	R				720	6837	H	3	70	AC-2
25	REC - USB RCPTS	20	1	R								26	
27	LTG - LAVATORY & BACK OF HC	20	1	L	1080	6837						28	
29-TC	REC - STORE FRONT	20	1	R			749	6837				30	
31	REC - FUTURE BEVERAGE EQ	20	1	R	1800	360						32	
33	REC - PHONE & SECURITY	20	1	R			540	360				34	
35c	REC - CONVY PREP-GFCI	20	1	R			180	500				36	
39	SPARE	20	1	L		1080						40	
41*	SIGN - EXTERIOR	20	1	L				800				42	
43*	REC - POS / COIN	20	1	R	720	500						44	
45	SPARE	20	1	MI								46	
47c	REC - CONVY PREP	20	1	R			180	180				48c	
49c	REC - COMMUNITY TABLE	20	1	R	720	500						50	
51c	REC - CONVY PREP	20	1	R			180	500				52*	
53c	REC - CONVY PREP	20	1	R			180	1000				54	
55c	REC - CONVY PREP	20	1	R	180	120						56	
57c	REC - CONVY PREP	20	1	R			180	1000				58	
59c	REC - CONVY STORAGE	20	1	R			180	460				60	
61	REC - OFFICE	20	1	R	1000	865						62	
63	REC - OFFICE	20	1	R			180	865				64	
65	REC - FRESTYLE COMM.	20	1	R			1800	720				66	
67	REC - CONVY PREP	20											