GDI ENGINEERING

GDI ENGINEERING
INNOVATING SOLUTIONS

Frullati Cafe'

Hospitality

SAN MARCOS- Texas

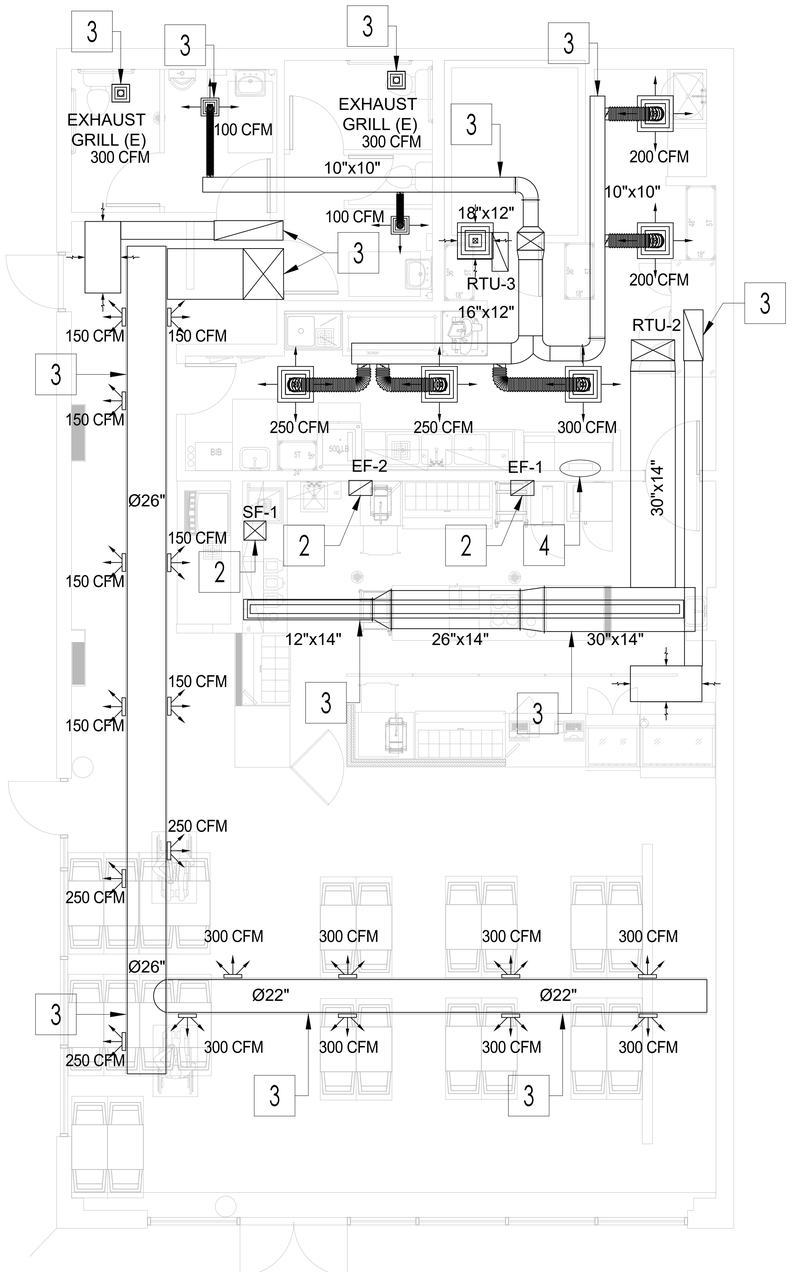
MECHANICAL KEYED NOTES:

1 → EXISTING EQUIPMENT TO REMAIN UNCHANGED.

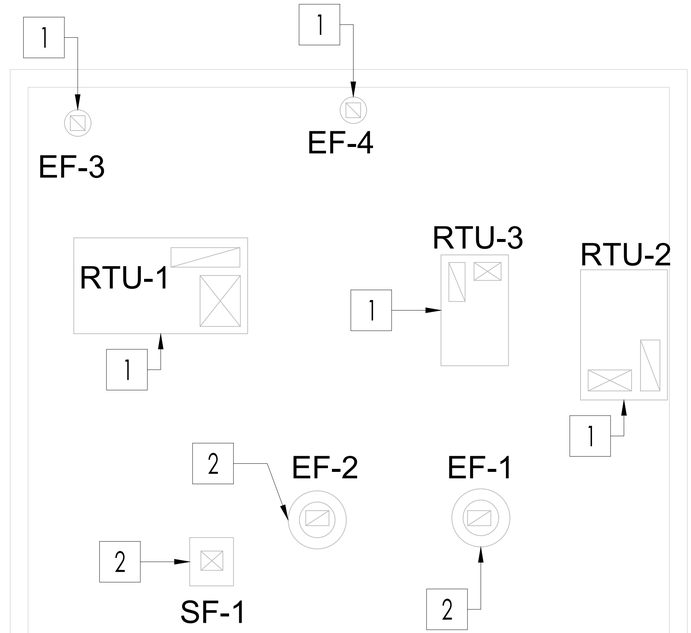
2 → REMOVE THE KITCHEN HOOD EXHAUST & SUPPLY AIR FANS, CLOSE THE ROOF OPENING - COORDINATE WITH THE ARCHITECT TO INSULATE THE EXPOSED ROOFING SIMILAR TO THE EXISTING ROOF PARTS WITH PROPER SEAMS.

3 → SUPPLY & RETURN AIR DUCTS & AIR OUTLETS TO REMAIN UNCHANGED.

4 → EXISTING THREE THERMOSTATS LOCATION BELOW THE OFFICE DESK .



MECHANICAL FLOOR PLAN — SCALE 1/4"=1'-0" — 1



ROOF FLOOR PLAN — SCALE 1/4"=1'-0" — 2

FRULLATI CAFE
STORE: 2271
730 HOPKINS STREET, UNIT 100
SAN MARCOS, TX 78666

MECHANICAL LAYOUTS.

Drawen By: M.F | Scale:
Date: 10.11.2023 | PROJ.NO.:

M 2.00

SHEET NO.

SCHEDULE No. 1
EXISTING PACKAGED ROOFTOP UNIT - ELECTRIC COOLING / GAS HEAT

TAG	PRTU-01	PRTU-02	PRTU-03
SERVES	SHOP FRONT	JUICE PREPARATION	BACK OF HOUSE
MANUFACTURER	CARRIER	CARRIER	CARRIER
MODEL	48TCDD16A2A5	48TCDD08A2A5	48TCDA04A1A5
NOMINAL CAPACITY (TONS)	15.0	7.5	3.0
NET COOLING CAPACITY (MBH)	166.47	84.58	32.74
SELECTED SUPPLY AIR FLOW (CFM)	4800	3000	1200
OUTDOOR AIR FLOW (CFM)	900	300	200
GAS INPUT (MBH)	180	125	72
MCA	70.8	41.1	19.4
MOCP (A)	80	50	25
VOLTS / PH / Hz	208 / 3 / 60	208 / 3 / 60	208 / 3 / 60

NOTES:

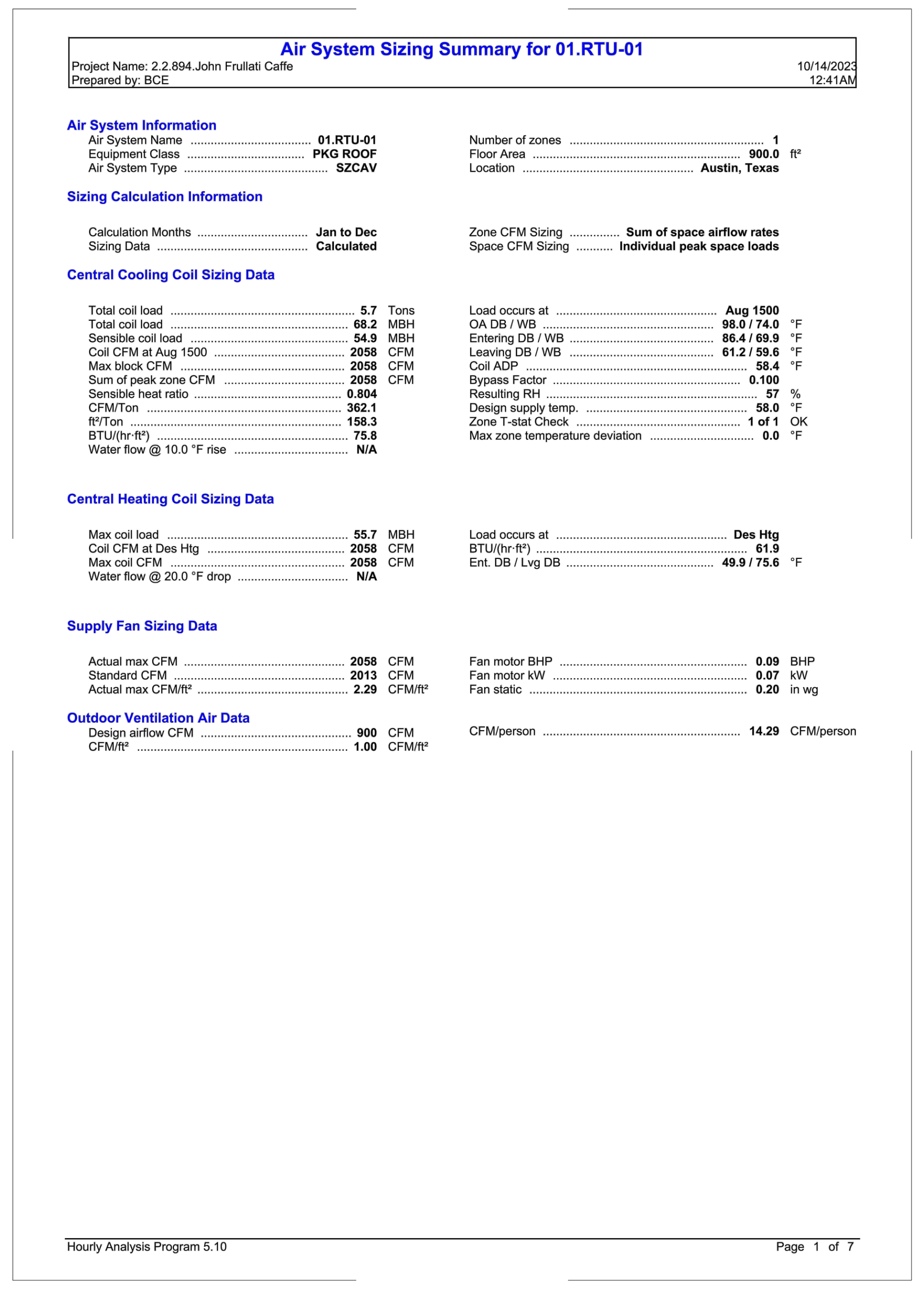
1. PRTU-1 & PRTU-2 SHOULD HAVE SMOKE DETECTOR AT THE SUPPLY AIR OUTLET OF THE ROOFTOP UNITS - INTERLOCK WITH FIRE ALARM.

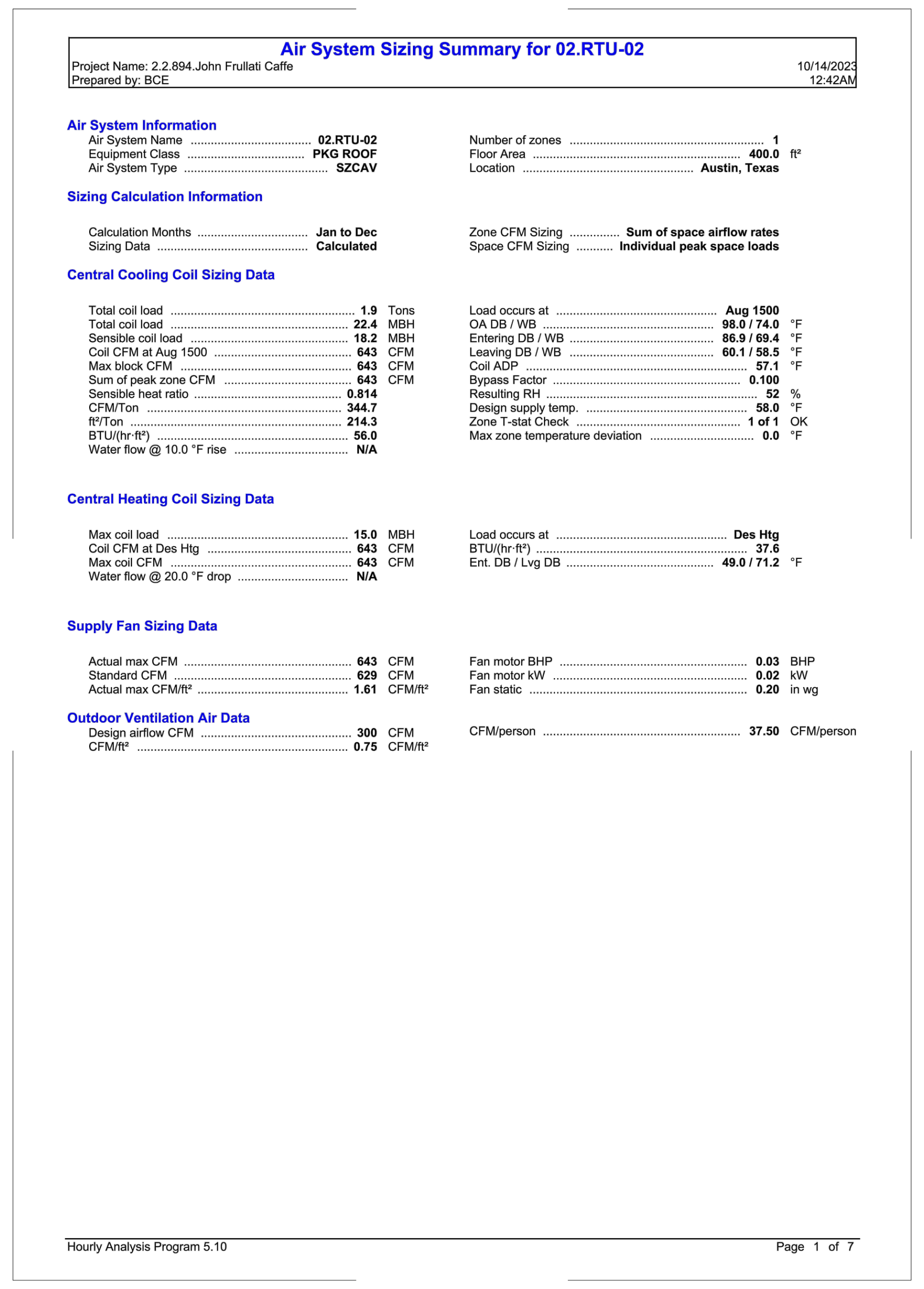
SCHEDULE No. 2
EXISTING FANS

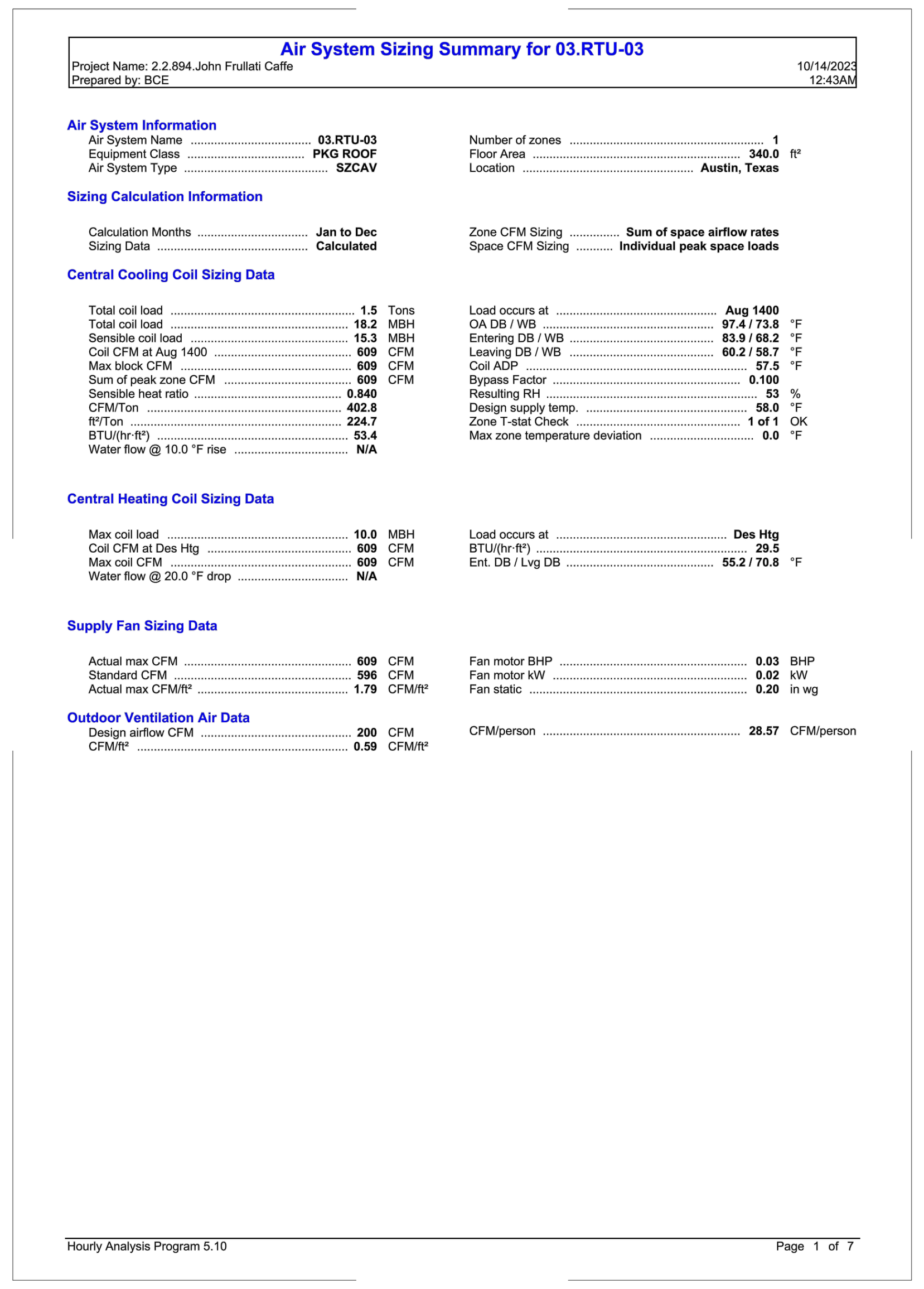
TAG	EF-03 & EF-04
LOCATION	RESTROOMS
SELECTED FLOW (CFM)	200
SELECTED PRESSURE DROP (IN. H2O)	0.375"
ELECTRICAL (V / PH / HZ)	120 / 1 / 60
POWER	$\frac{1}{25}$ HP
FAN TYPE	ROOF FAN
MANUFACTURER	GREENHECK
MODEL	090G

Ventilation Load Calculation UMC 2021

Zone #	Room Name	IMC Occupancy Class	Area (ft²) AZ	Ra (CFM/ft²)	AZ x Ra (CFM)	Pz (Persons/1000ft²)	Persons	Rp (CFM/persons)	Rp x Persons (CFM)	Vbz Calcu.CFM	Corrected CFM After EZ=0.8	Source of OA
1	EATING AREA	RESTAURANT DINING ROOMS	900	0.18	162	70	63	7.5	472.5	635	793	RTU-01
2	PREPARATION AREA	KITCHEN (COOKING)	400	0.12	48	20	8	7.5	60	108	135	RTU-02
3	BACK-OFF HOUSE	KITCHEN (COOKING)	340	0.12	40.8	20	7	7.5	52.5	93	117	RTU-03


Air System Sizing Summary for 01.RTU-01
Project Name: 2.2.894.John Frullati Caffe 10/14/2023
Prepared by: BCE 12:41AM
Hourly Analysis Program 5.10 Page 1 of 7


Air System Sizing Summary for 02.RTU-02
Project Name: 2.2.894.John Frullati Caffe 10/14/2023
Prepared by: BCE 12:42AM
Hourly Analysis Program 5.10 Page 1 of 7


Air System Sizing Summary for 03.RTU-03
Project Name: 2.2.894.John Frullati Caffe 10/14/2023
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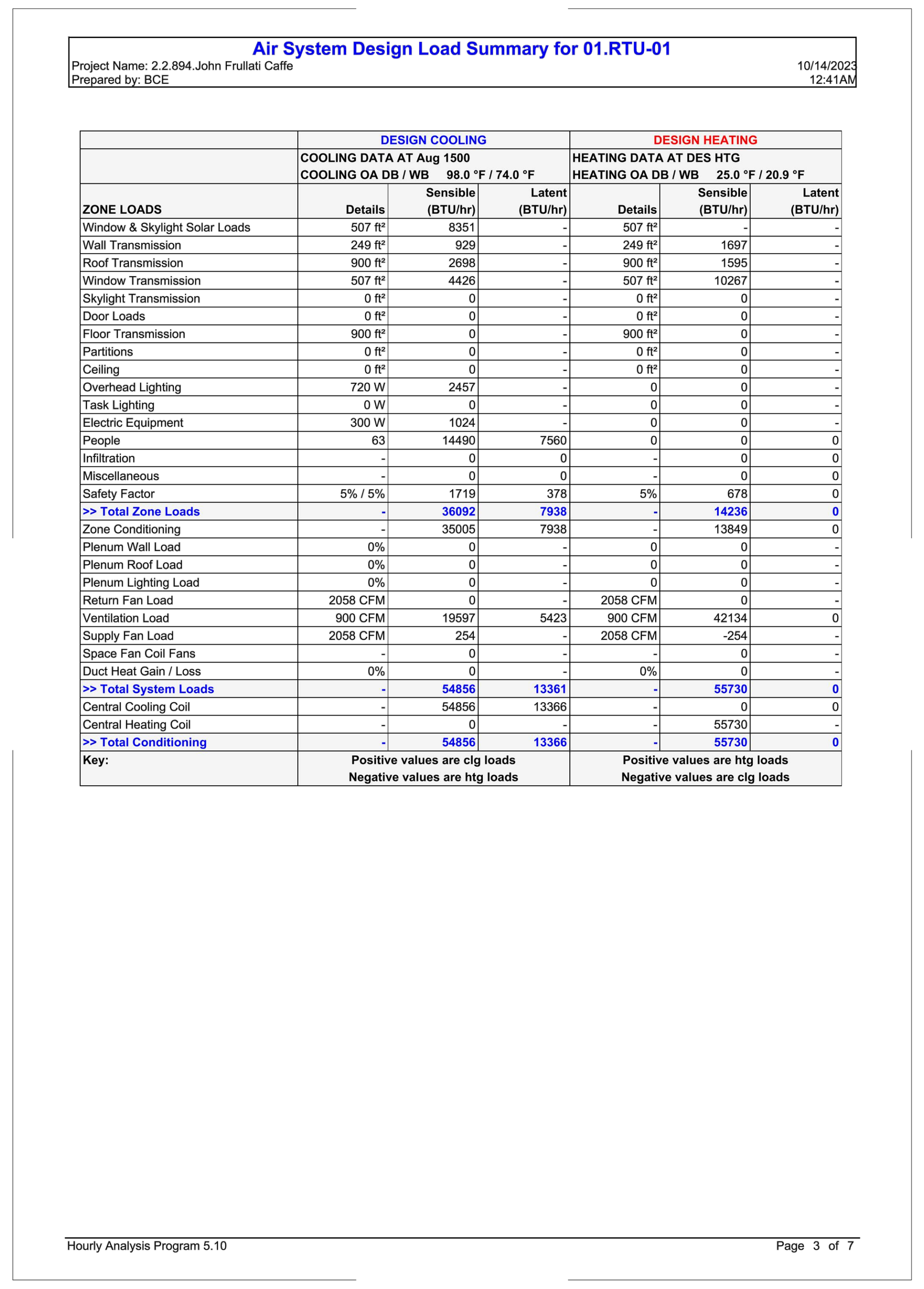
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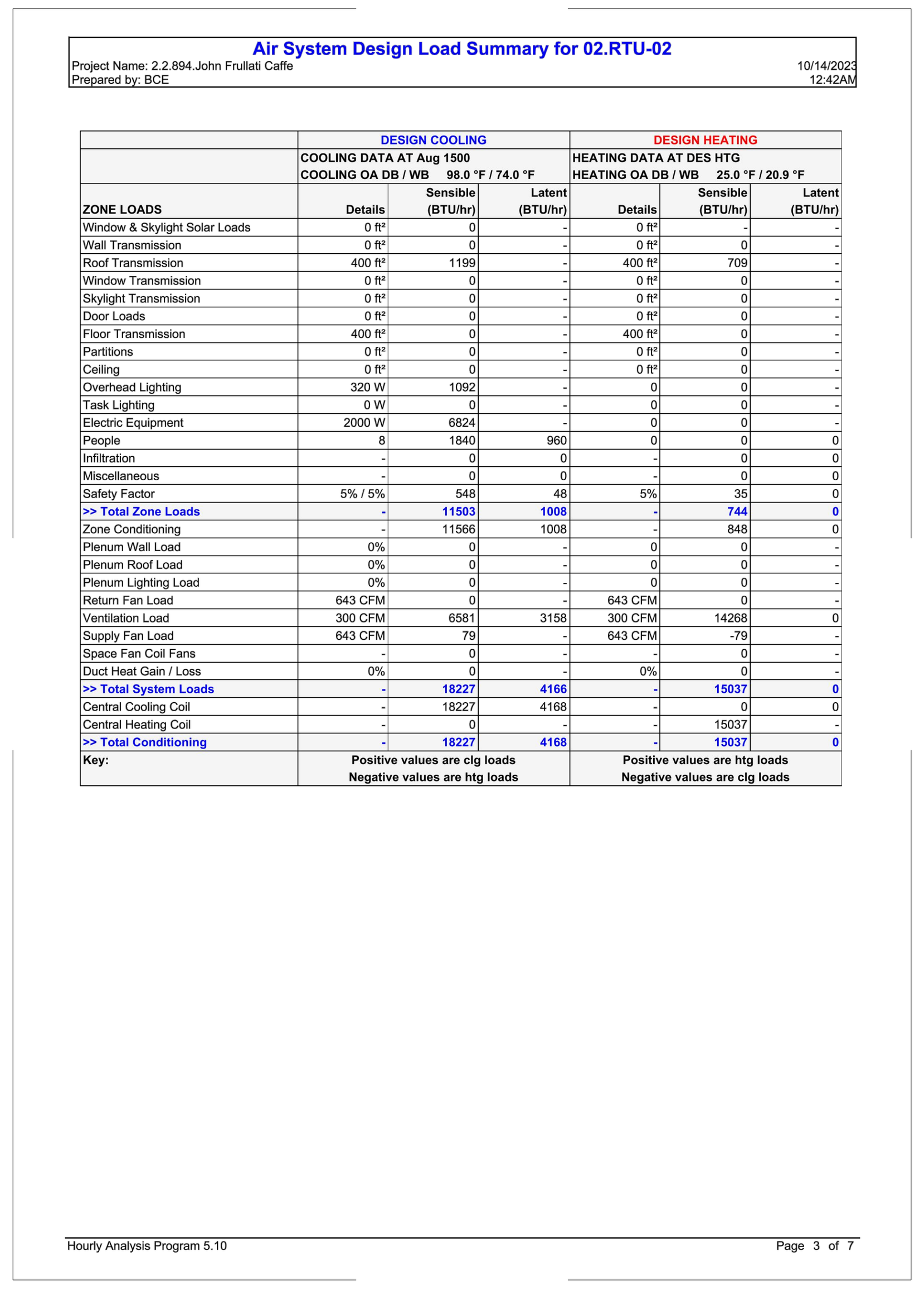
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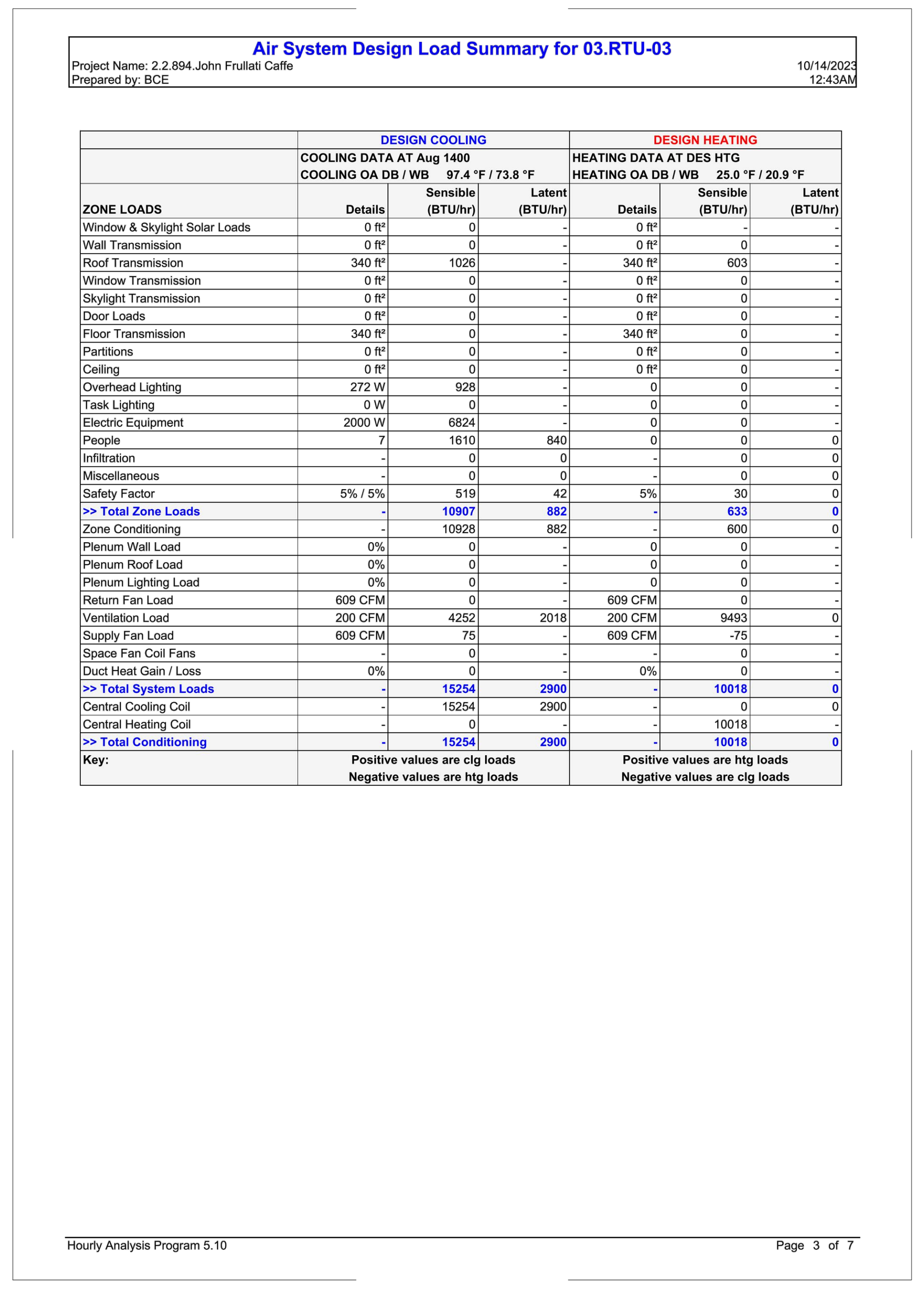
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Prepared by: BCE 12:43AM
Hourly Analysis Program 5.10 Page 3 of 7

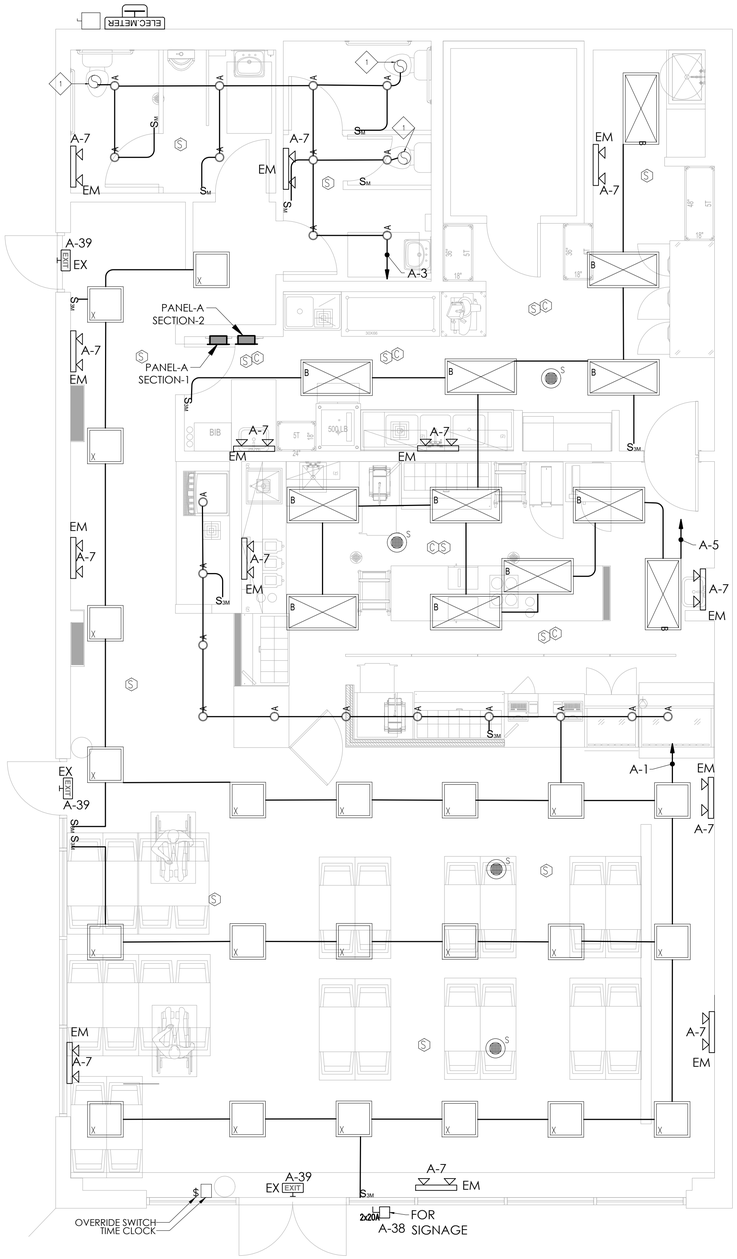
FRULLATI CAFE
STORE: 2271
730 HOPKINS STREET, UNIT 100
SAN MARCOS, TX 78666

MECHANICAL SCHEDULES OF EQUIPMENT, VENTILATION & HEAT LOAD CALCULATION.

Drawn By: M.F | Scale:
Date: 10.11.2023 | PROJ.NO.:

M 3.00

SHEET NO.



ELECTRICAL LEGEND

A — CONTECH LIGHTING: RF6-L-1-30K-C-G-WHT
6" RECESSED DOWNLIGHT - 15W LED 1000 LUMENS - TRIM SHALL BE WHITE

X — EXISTING 2' X 2' LIGHT FIXTURES
LPT-22-232U-SAID-EB2-UNV (2) FBO32/841 US ECO 32 W

B — MAXLITE: MLVT-24-D-30W-CS, ORDER CODE 104867
2X4LAY - I N LED PANEL - 30W - TRIM SHALL BE WHITE

JUNCTION BOX FOR EXHAUST FANS

S_D DIMMER

S_M OCCUPANCY SENSOR

S ONE WAY LIGHTING SWITCH

S_3 TWO WAYS LIGHTING SWITCH

EM — EMERGENCY LIGHTING WALL MOUNTED WITH INTERNAL BACK UP BATTERY WITH MINIMUM 90 MINS AUTONOMY

EXIT EX — EXIT SIGN WALL MOUNTED WITH INTERNAL BACK UP BATTERY WITH MINIMUM 90 MINS AUTONOMY

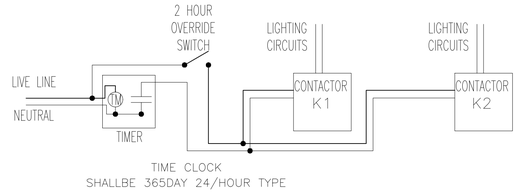
C — SELF CONTAINED SMOKE/CARBON MONOXIDE (120 W/BATTERY BACKUP) - CEILING MOUNTED

S — SELF CONTAINED SMOKE/CARBON MONOXIDE (120 W/BATTERY BACKUP) - CEILING MOUNTED

Lighting Fixture Schedule:								Total (W)	1,420.74
Symbol	Number	Type	Make	Model	Wattage	Unit	Description	Quantity	Subtotal (W)
A	A	SPOT LIGHT	CONTECH	RF6-L-1-30K-C-G-WHT	16	W	6" RECESSED DOWNLIGHT- 16W ELD 1000 LUMENS- TRM SHALL BE WHITE	21.00	336.00
X	X	2X2 LED LIGHT	H.E WILLIAMS INC	LPT-22-232U-SAID-EB2-UNV	32	W	FBO32/842 US ECO 32W FINISH WHT - LENS-SMOOTH SIDE DOWN-QHEL LOW POWER FACTOR BALLAST	22.00	704.00
B	B	2X4 LED LIGHT	MAXLITE	MLVT-24-D30W-CS	30	W	ORDER CODE 104667 2x4LAY IN LED PANEL SHALL BE WHITE	12.00	360.00
EM	EM	Emergency with Battery	Lithonia	EU2C M6	0.56	W	Wall mounted emergency light. Dual LED heads with test switch indicator. 120-277V/60Hz. 0.56W	14.00	7.84
EXIT	EX	Exit Sign	Lithonia	LHQM LED R M6	4.3	W	LED Exit/Unit Combo Red Letters, White. Equipped test switch and status indicator.120/277V. 60Hz. 4.3W	3.00	12.90

SHEET NOTES:

1 — PROVIDE HEAVY DUTY JUNCTION BOX, FLUSH IN CEILING (OR WALL) FOR EXHAUST FANS



TIME CLOCK
SHALLBE 365DAY 24/HOUR TYPE

THE MAXIMUM SETTING FOR THE OVERRIDE CONTROL SHALL NOT EXCEED 2HOURS.

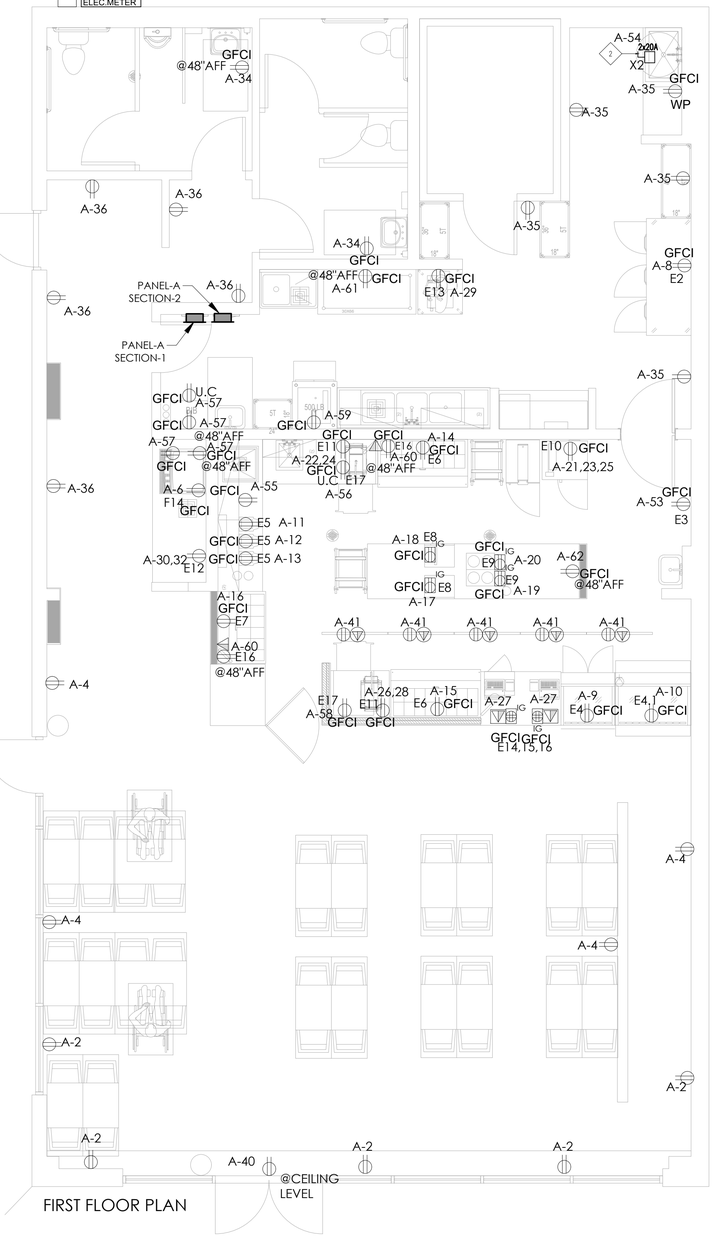
FRULLATI CAFE
STORE: 2271
730 HOPKINS STREET, UNIT 100
SAN MARCOS, TX 78666

LIGHTING LAYOUT

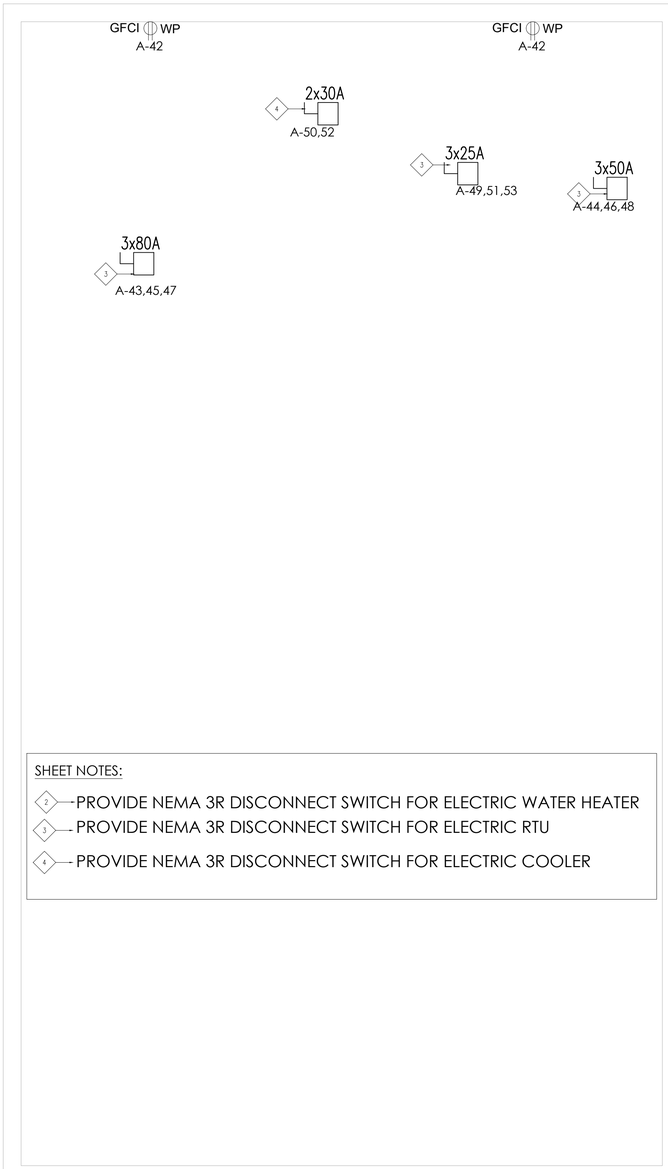
Drawen By: A.B	Scale: 1 / 4" = 1'-0"
Date: 10.23.2023	PROJ.NO.:

E2.01

SHEET NO. 3/5



FIRST FLOOR PLAN



SHEET NOTES:

2. PROVIDE NEMA 3R DISCONNECT SWITCH FOR ELECTRIC WATER HEATER
3. PROVIDE NEMA 3R DISCONNECT SWITCH FOR ELECTRIC RTU
4. PROVIDE NEMA 3R DISCONNECT SWITCH FOR ELECTRIC COOLER

ROOF PLAN

ELECTRICAL LEGEND

- EXX — DUPLEX RECEPTACLE - WALL MOUNTED @ +18" AFF UNLESS. U.D DENOTES: UNDER COUNTER NOTED GFCI DENOTES: GROUND FAULT PROTECTION. EXX DONTES: NUMBER OF EQUIPMENT AS PER EQUIPMENT SCHEDULE
- DUPLEX RECEPTACLE - CEILING MOUNTED NOTED GFCI DENOTES: GROUND FAULT PROTECTION. EXX DONTES: NUMBER OF EQUIPMENT AS PER EQUIPMENT SCHEDULE
- IG / EXX — DUPLEX RECEPTACLE - FLOOR MOUNTED IG DENOTES: IG TYPE. EXX DONTES: NUMBER OF EQUIPMENT AS PER EQUIPMENT SCHEDULE
- IG / EXX — QUADRIPLEX RECEPTACLE - FLOOR MOUNTED IG DENOTES: IG TYPE. EXX DONTES: NUMBER OF EQUIPMENT AS PER EQUIPMENT SCHEDULE
- QUADRIPLEX RECEPTACLE - WALL MOUNTED @ +18" AFF UNLESS NOTED GFCI DENOTES: GROUND FAULT PROTECTION
- YxXXA — NON-FUSED DISCONNECT SWITCH - SIZE AS INDICATED
- (PC) — DAYLIGHT SENSOR TO CONTROL LUMINARIES IN DAYLIGHT ZONE
- (J) — WALL MOUNTED ELECTRIC JUNCTION BOX
- FLOOR MOUNTED CAT6 RJ45 DATA SOCKET
- CEILING MOUNTED CAT6 RJ45 DATA SOCKET
- WALL MOUNTED CAT6 RJ45 DATA SOCKET

EQUIPMENT NUMBER	DESCRIPTION	QTY	MODEL NUMBER	BRAND	LOAD
F14	FOUNTAIN MACHINE/ICE BIN	1	FOUNTAIN DROP IN DISPENSER 8V	COCA COLA	120V, 20A, 1PH
E2	REACH IN FREEZER	1	T-72F-HC	TRUE MANUF	120V, 14A, 1PH
E3	NON REFRIGERATED DISPLAY CASE	1	TBD	TBD	120V, 4A, 1PH
E4	REFRIGERATED DISPLAY CASE	1	CGR3642	FEDERAL INDUSTRIES	120V, 9A, 1PH
E4.1	DRY DISPLAY CASE	1	CDG5042	FEDERAL INDUSTRIES	120V, 1.5A, 1PH
E5	BLENDERS	3	STEAL TH 875	BLENDTEC	120V, 15A, 1PH
E6	60" REFRIGATED PREP TABLE	2	TSSU-60-16D-4-ADA	TRUE MFG.	120V, 6.5A, 1PH
E7	48" REFRIGATED PREP TABLE	1	TSSU-48-18M-B-HC	TRUE MFG.	120V, 4.3A, 1PH
E8	MICROWAVE	2	RM-S10DS	AMANA	120V, 13A, 1PH
E9	SOUP WARMER	2	6120 A-CW	NEMCO	120V, 8.4A, 1PH
E10	CONVECTION OVEN	1	CTB	BLODGETT	220V, 25A, 3PH
E11	SANDWICH PRESS	2	GR14IE	STAR MFG.	220V, 15A, 1PH
E12	COFFE BREWER	1	TBD	TBD	220V, 12.5A, 1PH
E13	SLICER	1	S13	GLOBE	120V, 1A, 1PH
E14	CREDIT CARD MACHINE	2	TBD	TBD	120V, 3A, 1PH
E15	POINT OF SALE	2	TBD	TBD	120V, 3A, 1PH
E16	KIDS SCREEN	2	TBD	TBD	120V, 3A, 1PH
E17	UNDERCOUNTER REFRIGATOR	2	9404-290-DW	RANDELL	120V, 2.5A, 1PH

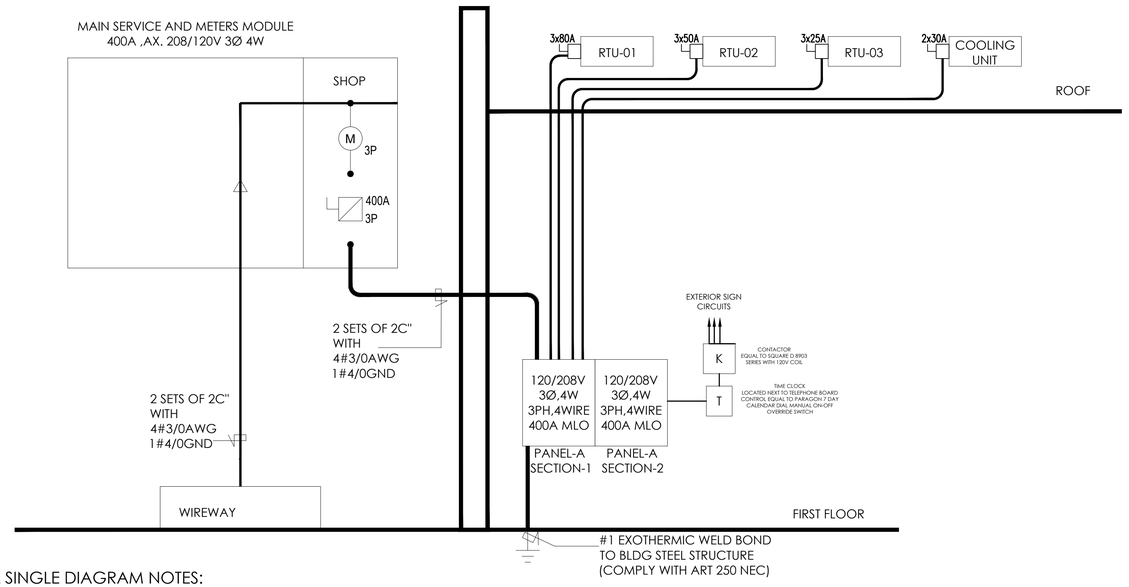
FRULLATI CAFE
STORE: 2271
730 HOPKINS STREET, UNIT 100
SAN MARCOS, TX 78666

POWER LAYOUT

Drawen By: A.B | Scale: 1 / 4" = 1'-0"
Date: 10.23.2023 | PROJ.NO.:

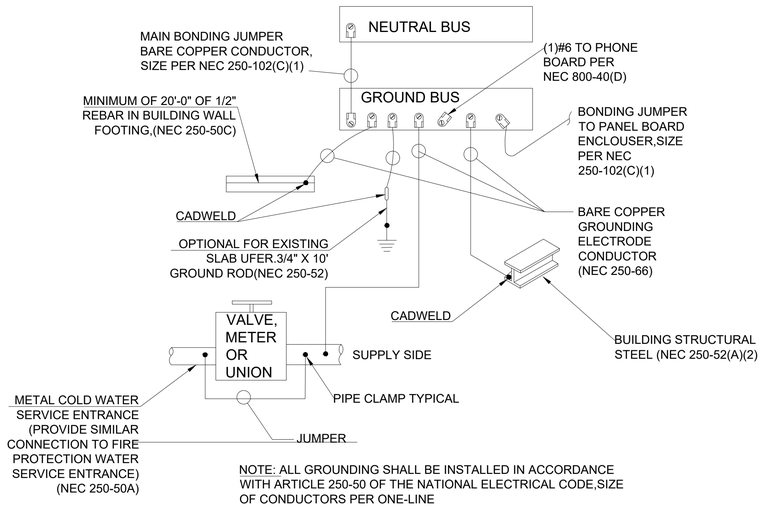
E3.01

SHEET NO. 4/5



ELECTRICAL SINGLE DIAGRAM NOTES:

1. E.C. SHALL ENSURE THE ELECTRIC SERVICE IS PROPERLY BONDED AND GROUNDED PER NEC ARTICLES 230 AND 250
2. CONDUCTORS SIZE ARE BASED ON COPPER CONDUCTORS. E.C. SHALL NOTIFY ENGINEER AND MAKE THE CHANGES IF E.C. USE ALUMINUM CONDUCTORS.
3. REFER TO DWG.2/E200 FOR GROUNDING AND BONDING DETAILS



NOTE: ALL GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 250-50 OF THE NATIONAL ELECTRICAL CODE,SIZE OF CONDUCTORS PER ONE-LINE

GROUNDING DETAIL

Location: KITCHEN

*	LOAD SUMMARY	CL	DF	CONNECTED LOAD A	B	C	DEMAND TOTAL
L	Lighting	2.54	1.25	1.59	0.59	0.36	3.17
R	Convenience Recept	10.65	0.97	0.90	1.80	7.96	10.33
H	Heating (Space)	0.50	1.25			0.50	0.63
C	Cooling		1.00				
A	HVAC	51.35	1.00	17.80	17.80	15.76	51.35
P	Process		1.00				
O	Other Continuous		1.25				
K	Kitchen	43.83	6.00	16.73	10.84	16.27	28.49
N	Noncontinuous		1.00				
M	Motor		1.00				
	Total	**108.87**		37.01	31.02	40.84	93.96

Total Demand Load (KVA)	93.96
Total Demand Current (A)	260.81
Min. Feeder Ampacity (A)	326.01

PANEL A-SECTION 1
PANELBOARD DESIGNATION

SYSTEM VOLTAGE	208/120V, 3Ø, 4W
BUS SIZE	400
SYSTEM TYPE	NORMAL
FEEDER PROT	400A-3P C/B Bus Plug
CONDUCTOR SIZE	500-kcmil - #2G CU
CONDUCTOR/PHASE	1
MAINS	400A MLO
SCCR	FULLY RATED
MCB RATING	80%
GROUND FAULT	NO
FEEDER LENGTH (FT)	50
FEEDER V. DROP (%)	0.430
FAULT CURRENT	
KAIC RATING	10
ENCLOSURE	TYPE 1

	DESCRIPTION	*	WIRE	GRD	CB	KVA	A	B	C	KVA	CB	WIRE	GRD	DESCRIPTION	*	
1	LIGHTING COSTUMER AREA AND CORRIDOR	L	2x 14 AWG	- #14G	15A-2P	0.88	1.78			0.90	20A-1P	2x 12 AWG	- #12G	COSTUMER AREA SOCKETS 1	R	2
3	LIGHTING BATHROOM	L	2x 14 AWG	- #14G	15A-2P	0.39		1.11		0.72	20A-1P	2x 12 AWG	- #12G	COSTUMER AREA SOCKETS 2	R	4
5	LIGHTING KITCHENS	L	2x 14 AWG	- #14G	15A-2P	0.36			2.76	2.40	25A-1P	2x 12 AWG	- #12G	ICE BIN	K	6
7	EMERGENCY LIGHTING	L	2x 14 AWG	- #14G	15A-2P	0.01	1.69			1.68	20A-1P	2x 12 AWG	- #12G	REACH IN FREEZER	K	8
9	REFRIGATED DISPLAY CASE	K	2x 12 AWG	- #12G	20A-1P	1.08		1.26		0.18	20A-1P	2x 12 AWG	- #12G	DRY DISPLAY CASE	K	10
11	BLENDER 1	K	2x 12 AWG	- #12G	20A-1P	1.80			3.60	1.80	20A-1P	2x 12 AWG	- #12G	BLENDER 2	K	12
13	BLENDER 3	K	2x 12 AWG	- #12G	20A-1P	1.80	2.58			0.78	20A-1P	2x 12 AWG	- #12G	60" REFRIGATED PREP TABLE 1	K	14
15	60" REFRIGATED PREP TABLE 2	K	2x 12 AWG	- #12G	20A-1P	0.78		1.30		0.52	20A-1P	2x 12 AWG	- #12G	48" REFRIGATED PREP TABLE	K	16
17	MICROWAVE 1	K	2x 12 AWG	- #12G	20A-1P	1.50			3.00	1.50	20A-1P	2x 12 AWG	- #12G	MICROWAVE 2	K	18
19	SOUP WARMER 1	K	2x 12 AWG	- #12G	20A-1P	1.01	2.02		0.54	1.01	20A-1P	2x 12 AWG	- #12G	SOUP WARMER 2	K	20
21	CONVECTION OVEN	K	3x 8 AWG	- #8G	40A-3P	3.00		4.65		1.65	20A-2P	3x 12 AWG	- #12G	SANDWICH PRESS 1	K	22
23		K				3.00			4.65	1.65					K	24
25		K				3.00	4.65			1.65	20A-2P	3x 12 AWG	- #12G	SANDWICH PRESS 2	K	26
27	CASHIER/KDS SCREEN/POS	K	2x 12 AWG	- #12G	20A-1P	1.00		2.65		1.65					K	28
29	SLICER	K	2x 12 AWG	- #12G	20A-1P	0.12			1.62	1.50	20A-2P	3x 12 AWG	- #12G	COFFEE BREWER	K	30
31	UNDERCOUNTER REFREGATOR 1	K	2x 12 AWG	- #12G	20A-1P	0.30	1.80			1.50					K	32
33	UNDERCOUNTER REFREGATOR 1	K	2x 12 AWG	- #12G	20A-1P	0.30		0.66		0.36	20A-1P	2x 12 AWG	- #12G	BATHROOM SOCKETS	R	34
35	GENERAL SOCKETS	R	2x 12 AWG	- #12G	20A-1P	0.72			1.62	0.90	20A-1P	2x 12 AWG	- #12G	CORRIDOR SOCKETS	R	36
37	FIRE ALARM	L	2x 12 AWG	- #12G	20A-1P	0.20	0.70			0.50	20A-1P	2x 12 AWG	- #12G	SIGNAGE	L	38
39	EXIT LIGHTS	L	2x 14 AWG	- #14G	15A-2P	0.20		0.38		0.18	20A-1P	2x 12 AWG	- #12G	SHOW WINDOW	K	40
41	CEILING DIGITAL MONITORS	R	2x 12 AWG	- #12G	20A-1P	0.90			5.83	4.93	20A-1P	2x 12 AWG	- #12G	ROOF RECEPTACLES	R	42
	(KVA)															
	Total Connected Load					37.01	31.02	36.51								

Location: KITCHEN

*	LOAD SUMMARY	CL	DF	CONNECTED LOAD A	B	C	DEMAND TOTAL
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C	Cooling		1.00				
A	HVAC	51.35	1.00	17.80	17.80	15.76	51.35
P	Process		1.00				
O	Other Continuous		1.25				
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PANEL A-SECTION 2
PANELBOARD DESIGNATION

SYSTEM VOLTAGE	208/120V, 3Ø, 4W
BUS SIZE	400
SYSTEM TYPE	NORMAL
FEEDER PROT	400A-3P C/B Bus Plug
CONDUCTOR SIZE	500-kcmil - #2G CU
CONDUCTOR/PHASE	1
MAINS	400A MLO
SCCR	FULLY RATED
MCB RATING	80%
GROUND FAULT	NO
FEEDER LENGTH (FT)	50
FEEDER V. DROP (%)	0.430
FAULT CURRENT	
KAIC RATING	10
ENCLOSURE	TYPE 1

	DESCRIPTION	*	WIRE	GRD	CB	KVA	A	B	C	KVA	CB	WIRE	GRD	DESCRIPTION	*	
43		A				8.50	13.43			4.93					A	44
45	RTU-01	A	3 4 AWG	- #6G	80A-3P	8.50		13.43		4.93	50A-3P	3x 6 AWG	- #6G	RTU-02	A	46
47		A				8.50			13.43	4.93					A	48
49		A				2.33	4.37			2.04	30A-2P	2x 10 AWG	- #10G	COOLER UNIT	A	50
51	RTU-03	A	3x 10 AWG	- #10G	25A-3P	2.33		4.37		2.04					A	52
53		A				2.33				0.50	20A-1P	2x 12 AWG	- #12G	GAS WATER HEATER	H	54
55	RECEPTACLES FOR TEA MACHINE	K	2x 12 AWG	- #12G	20A-1P	0.50	1.00			0.50	20A-1P	2x 12 AWG	- #12G	NON REFRIGATED DSIPALAY CASE	K	56
57	GENERAL SOCKETS	R	2x 12 AWG	- #12G	20A-1P	0.72		1.22		0.50	20A-1P	2x 12 AWG	- #12G	NON REFRIGATED DSIPALAY CASE	K	58
59	ICE MACHINE	K	2x 12 AWG	- #12G	20A-1P	1.00				0.50	20A-1P	2x 12 AWG	- #12G	KDS SCREEN	R	60
61	SMALL APPLIANCES	K	2x 12 AWG	- #12G	20A-1P	1.50	3.00			1.50	20A-1P	2x 12 AWG	- #12G	SMALL APPLIANCES	K	62
63	SPACE													SPACE		64
65	SPACE													SPACE		66
67	SPACE													SPACE		68
69	SPACE													SPACE		70
71	SPACE													SPACE		72
73	SPACE													SPACE		74
75	SPACE													SPACE		76
77	SPACE													SPACE		78
79	SPACE													SPACE		80
81	SPACE													SPACE		82
83	SPACE													SPACE		84
	(KVA)															
	Total Connected Load					37.01	31.02	36.51								

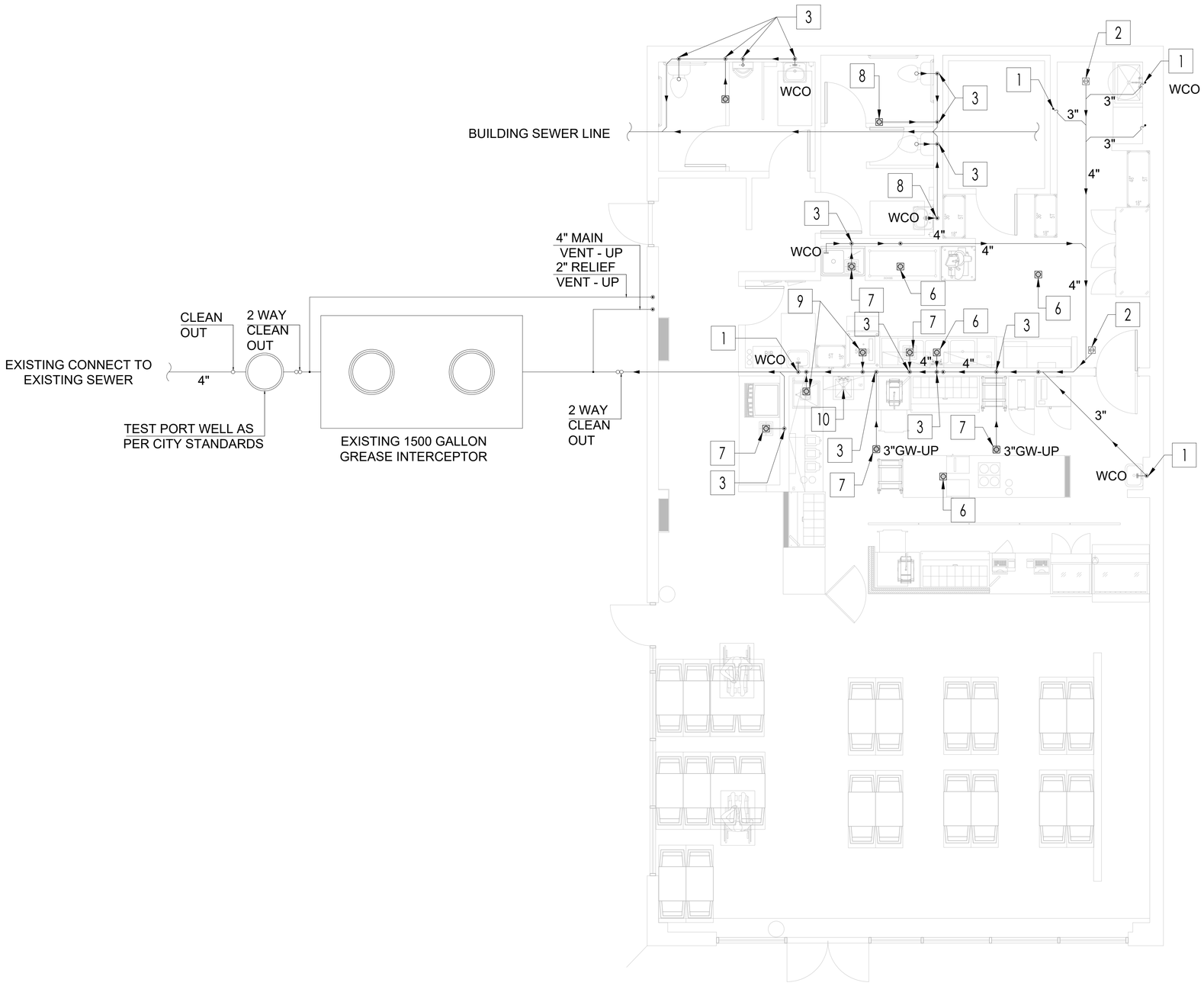
FRULLATI CAFE
STORE: 2271
730 HOPKINS STREET, UNIT 100
SAN MARCOS, TX 78666

ELECTRICAL SPECIFICATIONS,

Drawen By: A.B	Scale: NTS
Date: 10.23.2023	PROJ.NO.:

E4.01

SHEET NO. 5/5



DRAINAGE FLOOR PLAN — SCALE 1/4"=1'-0" (1)

PLUMBING KEYED NOTES

1. EXISTING WASTE DROP AND 2" VENT RISE.
2. EXISTING FLOOR CLEAN-OUT.
3. EXISTING 3" VENT STACK TO ABOVE.
4. 3" FLOOR DRAIN WITH TRAP PRIMER.
5. EXISTING GAS WATER HEATER INDIRECT WASTE CONNECTION TO REMAIN UNCHANGED.
6. CAP & SEAL EXISTING FLOOR DRAIN, TRENCH DRAIN OR FLOOR SINK.
7. REUSE EXISTING FLOOR SINK FOR EXISTING / NEW EQUIPMENT & FIXTURES.
8. RELOCATED LAVATORY CONNECTION <3' ON THE SAME WALL.
9. NEW FLOOR SINK - 12"x12" VENTED AND TRAPPED.
10. CONNECT THE HANDWASH SINK TO THE NEW ADJACENT FLOOR SINK.

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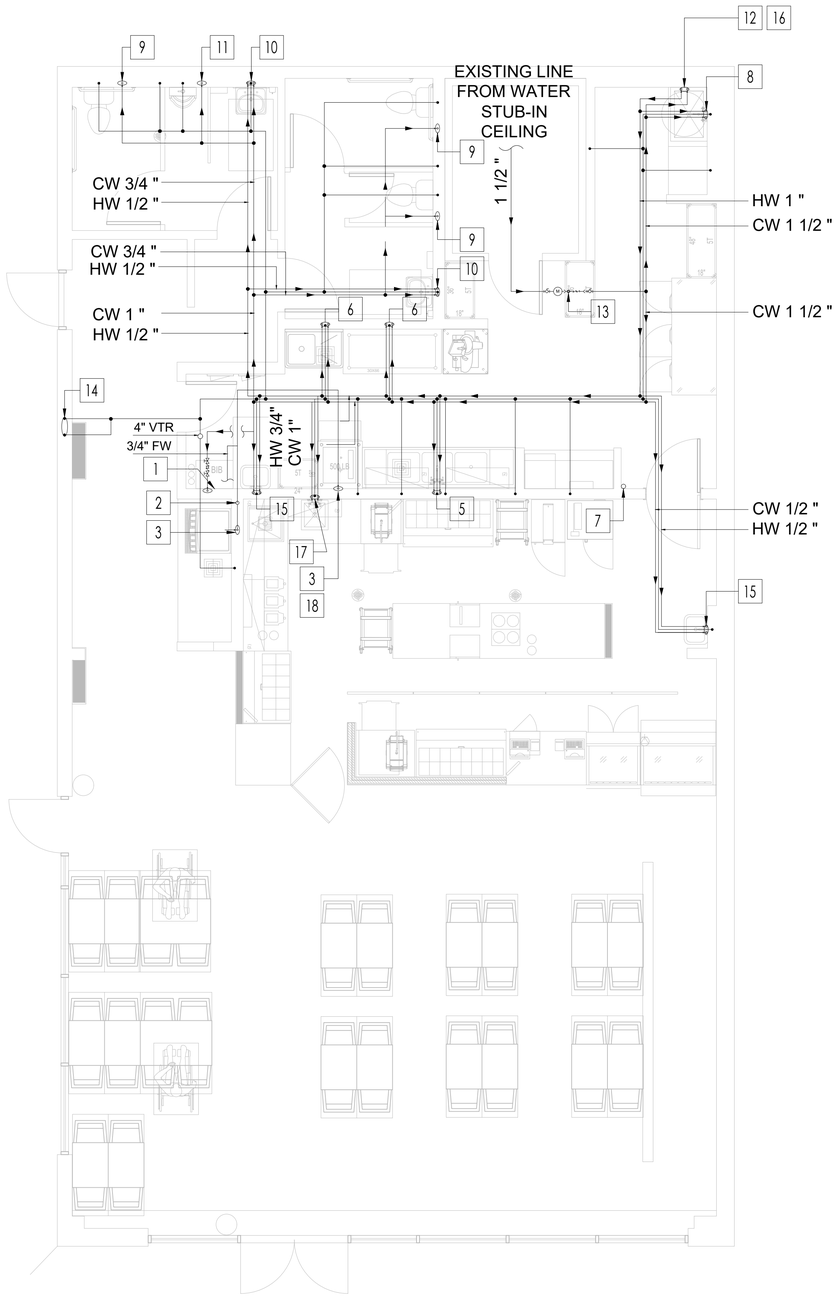
LOW LEVEL PLUMBING LAYOUT.

Drawen By: M.F	Scale:
Date: 10.11.2023	PROJ.NO.:

P 2.00

SHEET NO.



WATER SUPPLY KEYED NOTES:

1	3/4" COLD WATER DOWN WATER FILTER. PROVIDE IN-LINE DUAL CHECK BACKFLOW PREVENTER SIMILAR TO WATTS SERIES 7 PRIOR TO FILTER. (RELOCATED)
2	1/2" FILTERED COLD WATER DOWN IN WALL TO BEVERAGE EQUIPMENT. (EXISTING)
3	1/2" FILTERED TAP TO ICE MACHINE (RELOCATED CONNECTION)
4	3/4" COLD WATER AND 140° HOT WATER TO SINK FAUCET.
5	3/4" COLD AND 140° HOT WATER DOWN TO SINK FAUCET.
6	3/4" COLD WATER AND 140° HOT WATER DOWN TO HAND SINK FAUCET.
7	DISCONNECT, CAP & SECURE THE GAS LINE DROPPING FROM THE ROOF.
8	3/4" COLD WATER AND 140° HOT WATER TO MOP SINK FAUCET.
9	1/2" COLD WATER DOWN TO TOILET.
10	1/2" COLD AND 110° HOT WATER DOWN TO LAVATORIES. TYPICAL.
11	3/4" COLD WATER DOWN TO URINAL.
12	1" COLD WATER TO WATER HEATER AND 1" 140° HOT WATER OUTLET.
13	1" DOMESTIC COLD WATER SERVICE INCOMING SERVICE. REDUCED PRESSURE ZONE VALVE ASSEMBLY. (EXISTING)
14	4" GREASE MAIN VENT LINE AND 2" GREASE INTERCEPTOR RELIEF VENT TO CONNECT TOGETHER A MINIMUM OF 6" ABOVE FINISHED FLOOR.
15	1/2" COLD WATER AND 140° HOT WATER DOWN TO HAND SINK FAUCET. (EXISTING)
16	FLUE THRU ROOF FOR WATER HEATER
17	NEW 3/4" COLD WATER AND 140° HOT WATER DOWN TO HAND SINK FAUCET.
18	3/4" RPZA BFP ON CW LINE SERVING ICE MACHINE, WATTS #SS-009-QT-S RUN DRAIN TO NEAREST FLOOR DRAIN OR MOP SINK.

WATER SUPPLY & DRAINAGE VENT PIPING FLOOR PLAN

SCALE 1/4"=1'-0" 1

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HIGH LEVEL PLUMBING LAYOUT.

Drawen By: M.F	Scale:
Date: 10.11.2023	PROJ.NO.:

P 3.00

SHEET NO.

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [FI17][3]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.1.1 [FI57][1]	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.5 [FI16][3]	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.3 [FI33][1]	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions: