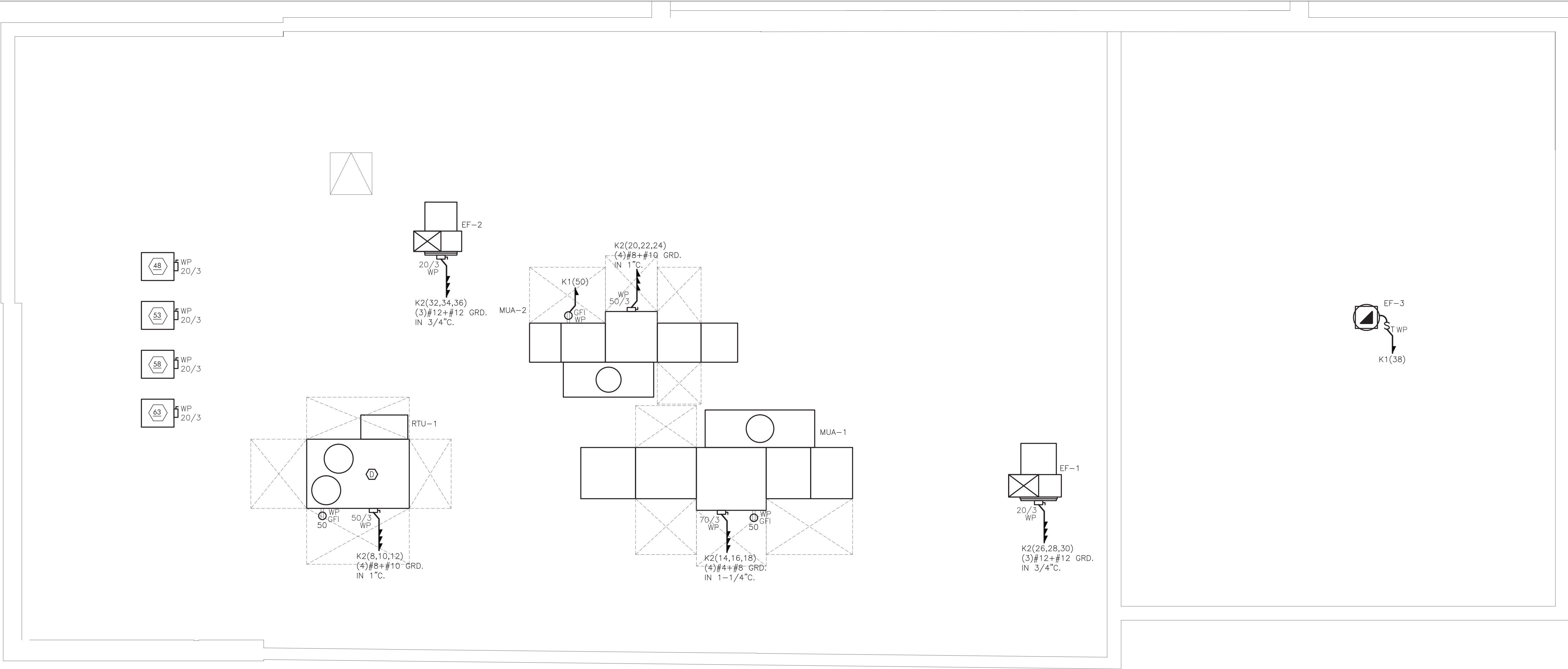




CAD FILE NO:	
1.) Rev(2014) 404 BASIS	



[illegible]



1 ROOF ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"

FOOD SERVICE EQUIPMENT SCHEDULE													
Item	Qty	Category	Manufacturer	Model	Voltage	Phase	Amps	Kw	Hp	Direct	Plug	Circuit	Circuit Breaker
48	1	FREEZER COMPRESSOR	IMPERIAL BROWN	CCH0010MCACZ	208	3	20.0	—	—	X		K1(29,31,33)	20A, 3P
53	1	REFRIGERATOR COMPRESSOR	IMPERIAL BROWN	CCH0005MCACZ	208	3	20.0	—	—	X		K1(2,4,6)	20A, 3P
58	1	REFRIGERATOR COMPRESSOR	IMPERIAL BROWN	CCH0010MCACZ	208	3	20.0	—	—	X		K1(8,10,12)	20A, 3P
63	1	REFRIGERATOR COMPRESSOR	IMPERIAL BROWN	CCH0005MCACZ	208	3	20.0	—	—	X		K1(18,20,22)	20A, 3P

FIRE ALARM NOTES

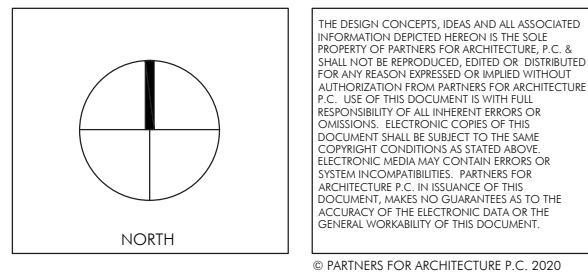
- PROVIDE NEW FIRE ALARM DEVICES AND WIRING AS INDICATED ON FLOOR PLANS AND RISER. ALL FIRE ALARM WIRING SHALL BE #14 TWISTED FOR STROBES PANEL #16 TWISTED/SHIELDED FOR SPEAKERS. (PLENUM RATED.)
- CONTRACTOR SHALL EXTEND FIRE ALARM WIRING AND CONDUIT TO NEW FIRE ALARM DEVICES. ALL NEW FIRE ALARM DEVICES SHALL BE ADA COMPLIANT. ALL FIRE ALARM DEVICES IN THE AREA OF WORK SHALL BE SYNCHRONIZED, WHERE EXISTING FIRE ALARM DEVICES DO NOT HAVE SYNCHRONIZING ABILITY THE FIRE ALARM DEVICE SHALL BE REPLACED WITH NEW.
- THE NEW FIRE ALARM SYSTEMS SHALL BE AN EXTENSION OF THE EXISTING BASE BUILDING FIRE ALARM SYSTEM. ALL NEW FIRE ALARM DEVICES SHALL BE COMPATIBLE WITH THE BASE BUILDING FIRE ALARM SYSTEM. COORDINATE ALL WORK WITH THE BASE BUILDING FIRE ALARM VENDOR. ALL FIRE ALARM WIRING SHALL BE CONFIRMED WITH FIRE ALARM VENDOR PRIOR TO INSTALLATION.
- CONTRACTOR IS RESPONSIBLE FOR PROGRAMING/MODIFYING, UPGRADING, CONTROL MODULES, ETC. AS REQUIRED TO PROVIDE A COMPLETE AND CODE COMPLIANT SYSTEM. ELECTRICAL CONTRACTOR SHALL HIRE BUILDING FIRE ALARM VENDOR TO DO FINAL FIRE ALARM CONNECTIONS. CONTRACTOR RESPONSIBLE TO INSTALL END OF LINE RESISTOR FOR NEW DEVICES. PROVIDE CONTROL PANEL PARTS AS REQUIRED.
- CONTRACTOR IS RESPONSIBLE FOR ALL FIRE ALARM PERMIT AND INSPECTION COST.
- CONTRACTOR TO CONFIRM THAT EXISTING FIRE ALARM PANEL IS ADEQUATE TO HANDLE NEW FIRE ALARM STROBES. IF INADEQUATE, CONTRACTOR SHALL PROVIDE AND INSTALL A NEW STROBE INTERFACE PANEL WITH (2) STROBE CIRCUITS TO ACCOMMODATE NEW FIRE ALARM STROBES.
- BUILDING FIRE ALARM SYSTEM TO REMAIN ACTIVE DURING CONSTRUCTION. ELECTRICAL CONTRACTOR SHALL NOTIFY BUILDING OWNER IF CONSTRUCTION FLOORS ARE TAKEN OFF SYSTEM. ELECTRICAL CONTRACTOR TO PAY ANY COST ASSOCIATED WITH ANY FIRE WATCH REQUIRED BY LOCAL OFFICIALS DURING THE TIME THAT SYSTEM IS OFF LINE.

ELECTRICAL POWER NOTES

- CONTRACTOR SHALL REFER TO DRAWING EQ01 FOR DEMOLITION NOTES. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK WITH ARCHITECTURAL DRAWINGS.
- CIRCUIT NUMBERS ARE FOR DIAGRAMMATIC PURPOSE ONLY.
- ALL ELECTRICAL DEVICES SHALL BE MOUNTED 18" AFF. U.O.N.
- CONTRACTOR SHALL CIRCUIT (2)#12+#12 GRD. IN 3/4"C. TO PANEL AND CIRCUIT INDICATED, UNLESS OTHERWISE NOTED.
- ELECTRICAL CONTRACTOR SHALL MAINTAIN CONTINUITY OF ALL BRANCH CIRCUITING TO ELECTRICAL DEVICES TO REMAIN. ELECTRICAL CONTRACTOR SHALL EXTEND AND RECONNECT ANY BRANCH CIRCUITING THAT BECOME DISCONNECTED DUE TO DEMOLITION.
- CONTRACTOR TO REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR LOCATION AND EXACT REQUIREMENTS OF ALL MECHANICAL AND PLUMBING EQUIPMENT. CONTRACTOR TO COORDINATE ALL WORK WITH MECHANICAL AND PLUMBING CONTRACTORS.
- CONTRACTOR SHALL COORDINATE NEMA OUTLET AND PLUG CONFIGURATION WITH EQUIPMENT MANUFACTURER(S) SPECIFICATIONS PRIOR TO INSTALLATION.
- ALL RECEPTACLES IN KITCHEN AREA SHALL BE GFI RECEPTACLES.
- COORDINATE ALL ELECTRICAL REQUIREMENTS AND WORK WITH FOODSERVICE EQUIPMENT PLANS.
- COORDINATE ALL KITCHEN EQUIPMENT ELECTRICAL REQUIREMENTS AND RECEPTACLE MOUNTING HEIGHTS WITH MANUFACTURERS SPECIFICATIONS.

DOB 85CAN

DESCRIPTION											
ISSUED TO											
DATE											
ISS/REV											



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OLD OAKS COUNTRY CLUB

PROJECT ADDRESS

ROOF ELECTRICAL POWER PLAN

SEAL & SIGNATURE

DATE: 08-13-21

PROJECT NO.: 21-826

DRAWN BY: VH

CHECKED BY: TL

DRAWING NO:

E104.00

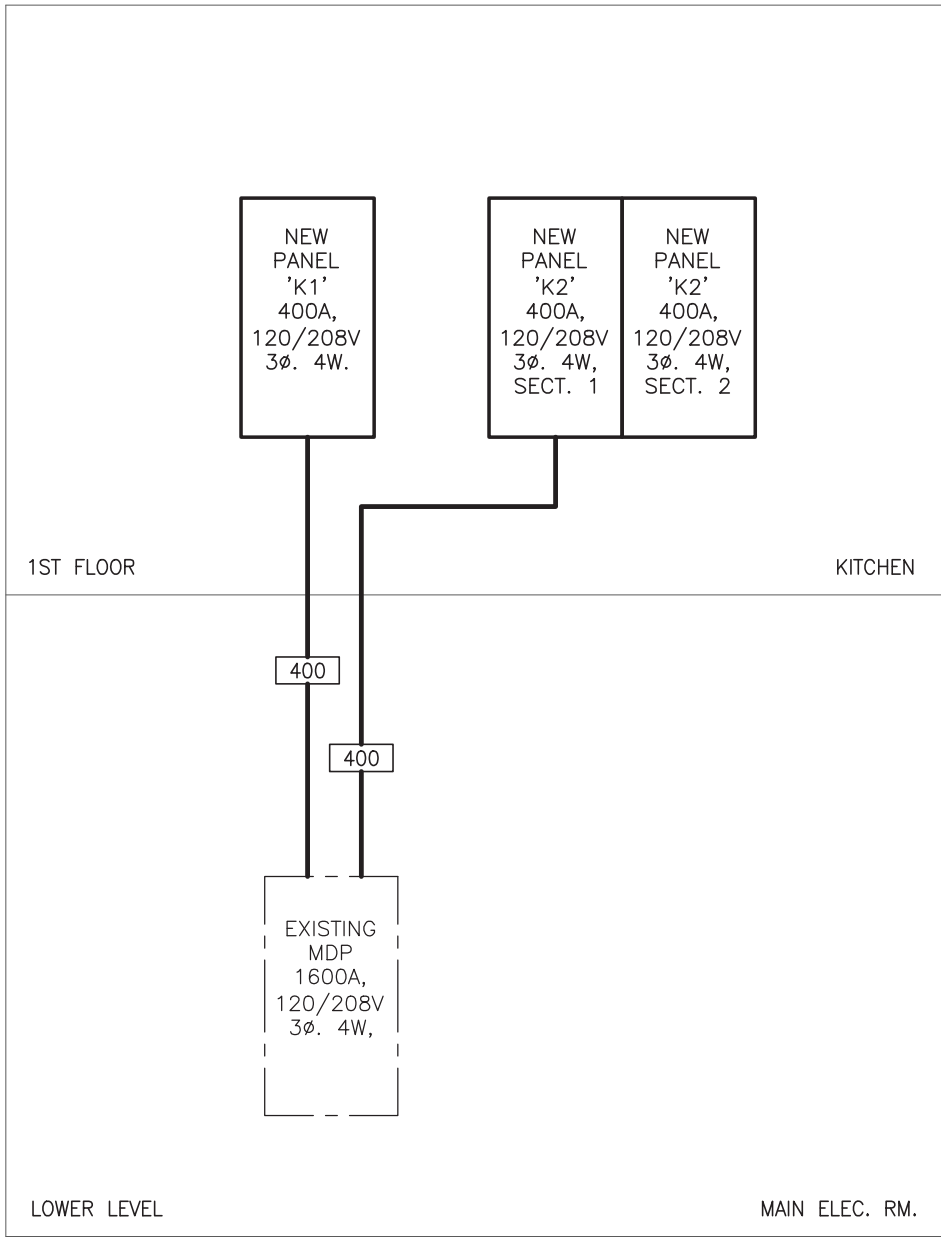
CAD FILE NO:

J:\Pro2016\694 B455

PANEL:		MDP (EXISTING)		120/208 VOLTS, 3 PHASE, 4 WIRE				MAIN BUS 1600 AMPS			
LOCATION:		MAIN ELE. RM.		BUS BARS: COPPER				<input type="checkbox"/> MCB <input checked="" type="checkbox"/> MLO			
BUILDING:		3100 PURCHASE ST.						MAIN BRK — — — — AMPS — — P			
								KAIC RATING — — — —			
CKT. NO.	TRIP AMPS	DESCRIPTION OF LOAD		LOAD (KVA)	PER PHASE (KVA)			LOAD (KVA)	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
					A	B	C				
1	200	HOT WATER BOOSTER (4)		—	—	—	—	—	NEW PANEL 'K1'	400	2
	3P.										
3	20	HOT WATER BOOSTER (4)		—	—	—	—	—	NEW PANEL 'K2'	400	4
	3P.										
5	20	HOT WATER BOOSTER (4)		—	—	—	—	—	EXISTING	—	6
	3P.										
7	20	HOT WATER BOOSTER (4)		—	—	—	—	—	EXISTING	—	8
	3P.										
9	20	HOT WATER BOOSTER (4)		—	—	—	—	—	EXISTING	—	10
	3P.										
11	—	EXISTING		—	—	—	—	—	EXISTING	—	12
	3P.										
				—	—	—	—				
				—							

PANEL: K1 (SECTION 1) (NEW)			120/208 VOLTS, 3 PHASE, 4 WIRE					MAIN BUS 400 AMPS			
LOCATION: KITCHEN			MOUNTING : <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH					<input type="checkbox"/> MCB <input checked="" type="checkbox"/> MLO			
BUILDING: 3100 PURCHASE ST.			BUS BARS: COPPER					MAIN BRK — — AMPS — — P			
								KAIC RATING — —			
CKT. NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD (KVA)	PER PHASE (KVA)			LOAD (KVA)	DESCRIPTION OF LOAD	TRIP AMPS	CKT. NO.	
				A	B	C					
1	20	SANDWICH UNIT REF (10)	—	—	—	—	—	FREEZER COMPRESSOR (48)	20	2	
3	20	HOT PAN (13)	—	—	—	—	—		3P	4	
5	2P		—	—	—	—	6				
7	20	WORKTOP FREEZER (15)	—	—	—	—	—	REF. COMPRESSOR (58)	20	8	
9	20	EXHAUST HOODS (16)	—	—	—	—	—		3P	10	
11	20	60 QT MIXER (35)	—	—	—	—	—			12	
13	20		—	—	—	—	—	REFRIGERATOR (61)	20	14	
15	3P		—	—	—	—	—	REFRIGERATOR DEFROST (62)	20	16	
17	20	REACH-IN REF (37)	—	—	—	—	—	REF. COMPRESSOR (63)	20	18	
19	20	MEAT SLICER (41)	—	—	—	—	—		3P	20	20
21	20	FOOD CUTTER (45)	—	—	—	—	—			22	
23	20	FREEZER (46)	—	—	—	—	—	PIZZA PREP REF. (65)	20	24	
25	20	FREEZER DEFROST (47)	—	—	—	—	—	CHEESE MELTERS (67)	30	26	
27	2P		—	—	—	—	—		2P	28	
29	20	FREEZER COMPRESSOR (48)	—	—	—	—	—	COLD PAN (69)	20	30	
31	20		—	—	—	—	—	TWIN COFFEE GRINDER (73)	20	32	
33	3P		—	—	—	—	—	COFFEE BREWER (74)	40	34	
35	20	REFRIGERATOR (51)	—	—	—	—	2P		36		
37	20	REFRIGERATOR DEFROST (62)	—	—	—	—	—	MICROWAVE (77)	20	38	
39	20	REFRIGERATOR (55)	—	—	—	—	—	CONVEYOR TOASTER (76)	20	40	
41	20	REFRIGERATOR DEFROST (57)	—	—	—	—	—	FISH FILE (82)	20	42	
			—	—	—	—					
			—								

PANEL:		K1 (SECTION 2) (NEW)				120/208 VOLTS, 3 PHASE, 4 WIRE				MAIN BUS 400 AMPS								
LOCATION:		KITCHEN				MOUNTING : <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH				<input type="checkbox"/> MCB <input checked="" type="checkbox"/> MLO								
BUILDING:		3100 PURCHASE ST.				BUS BARS: COPPER				MAIN BRK _ _ _ AMPS _ _ P								
										KAIC RATING _ _ _								
CKT. NO.	TRIP AMPS	DESCRIPTION OF LOAD				LOAD (KVA)	PER PHASE (KVA)			LOAD (KVA)	DESCRIPTION OF LOAD				TRIP AMPS	CKT. NO.		
							A	B	C									
43	20	REACH-IN FREEZER (81)				—	—	—	—	—	SELF COOKING CENTER (27)				70	44		
45	2P					—	—	—	—	—					—	—	46	
47	20	WORKTOP REF. (89)				—	—	—	—	—	GFI RECEPTACLE				20	48		
49	20	HOT PAN (91)				—	—	—	—	—					50			
51	2P					—	—	—	—	—	—	—	70	52				
53	20	SANDWICH UNIT REF. (93)				—	—	—	—	—	SELF COOKING CENTER (102)				3P	54		
55	20	EXHAUST HOOD (95)				—	—	—	—	—					56			
57	20					CONVECTION OVEN (100)				—	—	—	—	—	CHEST FREEZER (79)			
59	20	CONVECTION OVEN (100)				—	—	—	—	—	CHEST FREEZER (80)				20	60		
61	20	CONVECTION OVEN (101)				—	—	—	—	—	ESPRESSO MACHINE (72)				30	62		
63	20	CONVECTION OVEN (101)				—	—	—	—	—					64			
65	20	CONVEYOR TOASTER (75)				—	—	—	—	—	INFRARED STRIP HEATER (120)				20	66		
67	2P					—	—	—	—	—					—	—	2P	68
69	20	VACUUM PACK. MACH. (113)				—	—	—	—	—	INFRARED STRIP HEATER (122)				20	70		
71	20	ICE CUBE MACHINE (106)				—	—	—	—	—					2P	72		
73	2P					—	—	—	—	—	—	—	SPACE	—	74			
75	20	LIGHTING				—	—	—	—	—	SPACE				—	76		
77	20	LIGHTING				—	—	—	—	—	SPACE				—	78		
79	70	SELF COOKING CENTER (27)				—	—	—	—	—	SPACE				—	80		
81	3P					—	—	—	—	—	—	—	SPACE				—	82
83						—	—	—	—	—	—	—	SPACE				—	84
						—	—	—	—									
						—												



1 ELECTRICAL RISER DIA RAM

NOT TO SCALE

FEEDER LE END

400 (4)600MCM + #3 GRD. IN 4".

ALL WIRE SIZES ARE BASED ON COPPER FEEDERS UNLESS OTHERWISE SPECIFIED.
UPGRADE FEEDERS AS NEEDED FOR NO MORE THAN 3% VOLTAGE DROP.

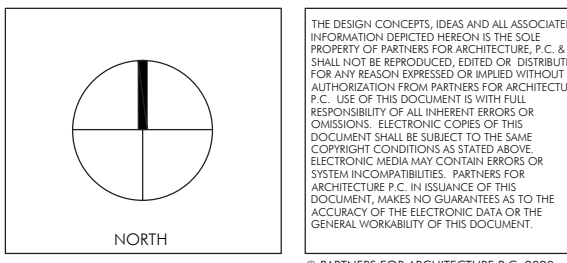
PANEL:		K2 (NEW)		120/208 VOLTS, 3 PHASE, 4 WIRE					MAIN BUS 400 AMPS			
LOCATION:		KITCHEN		MOUNTING : <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH					<input type="checkbox"/> MCB <input checked="" type="checkbox"/> MLO			
BUILDING:		3100 PURCHASE ST.		BUS BARS: COPPER					MAIN BRK _____ AMPS _____ P			
									KAIC RATING _____			
CKT. NO.	TRIP AMPS	DESCRIPTION OF LOAD		LOAD (KVA)	PER PHASE (KVA)			LOAD (KVA)	DESCRIPTION OF LOAD		TRIP AMPS	CKT. NO.
					A	B	C					
1	60	DISHWASHER (2)		—	—	—	—	—	SPACE	—	2	
3	3P			—	—	—	—	—	SPACE	—	4	
5				—	—	—	—	—	SPACE	—	6	
7	—	SPACE	—	—	—	—	—	RTU-1	50	8		
9	—	SPACE	—	—	—	—	—		10			
11	—	SPACE	—	—	—	—	—		3P 12			
13	—	SPACE	—	—	—	—	—	MUA-1	70	14		
15	—	SPACE	—	—	—	—	—		16			
17	—	SPACE	—	—	—	—	—		3P 18			
19	—	SPACE	—	—	—	—	—	MUA-2	50	20		
21	—	SPACE	—	—	—	—	—		22			
23	—	SPACE	—	—	—	—	—		3P 24			
25	—	SPACE	—	—	—	—	—	EF-1	20	26		
27	—	SPACE	—	—	—	—	—		28			
29	—	SPACE	—	—	—	—	—		3P 30			
31	—	SPACE	—	—	—	—	—	EF-2	20	32		
33	—	SPACE	—	—	—	—	—		34			
35	—	SPACE	—	—	—	—	—		3P 36			
37	—	SPACE	—	—	—	—	—	EF-1	40	38		
39	—	SPACE	—	—	—	—	—	F-1	40	40		
41	—	SPACE	—	—	—	—	—		2P 42			
				—	—	—	—					
				—								

PANEL: PB3 (EXISTING)			120/208 VOLTS, 3 PHASE, 4 WIRE				MAIN BUS 225 AMPS			
LOCATION: BASEMENT ELEC. RM.			MOUNTING : <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH				<input type="checkbox"/> MCB <input checked="" type="checkbox"/> MLO			
BUILDING: 3100 PURCHASE ST.			BUS BARS: COPPER				MAIN BRK _ _ _ AMPS _ _ P			
							KAIC RATING _ _ _			
CKT. NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD (KVA)	PER PHASE (KVA)			LOAD (KVA)	DESCRIPTION OF LOAD	TRIP AMPS	CKT. NO.
				A	B	C				
1	—	EXISTING	—	—	—	—	—	EXISTING	—	2
3	—	EXISTING	—	—	—	—	—	EXISTING	—	4
5	—	EXISTING	—	—	—	—	—	EXISTING	—	6
7	—	SPACE	—	—	—	—	—	EXISTING	—	8
9	—	EXISTING	—	—	—	—	—	EXISTING	—	10
11	—	EXISTING	—	—	—	—	—	EXISTING	—	12
13	—	EXISTING	—	—	—	—	—	EXISTING	—	14
15	—	EXISTING	—	—	—	—	—	EXISTING	—	16
17	20	BACK BAR EQUIPMENT	—	—	—	—	—	BAR LIGHTING	20	18
19	—	EXISTING	—	—	—	—	—	EXISTING	—	20
21	—	EXISTING	—	—	—	—	—	EXISTING	—	22
23	20	RECEPTACLES	—	—	—	—	—	EXISTING	—	24
25	20	RECEPTACLES	—	—	—	—	—	EXISTING	—	26
27	20	RECEPTACLES	—	—	—	—	—	BACK BAR EQUIPMENT	20	28
29	20	RECEPTACLES	—	—	—	—	—	REACH-IN REFRIGERATOR	20	30
31	20	RECEPTACLES	—	—	—	—	—	EXISTING	—	32
33	20	RECEPTACLES	—	—	—	—	—	EXISTING	—	34
35	20	RECEPTACLES	—	—	—	—	—	EXISTING	—	36
37	20	RECEPTACLES	—	—	—	—	—	HWH-1	20	38
39	20	GFI RECEPTACLES	—	—	—	—	—	SPACE	—	40
41	20	GFI RECEPTACLES	—	—	—	—	—	SPACE	—	42
			—	—	—	—				
			—							

NOTES:

* 1. CIRCUIT BREAKER SHALL BE A GFCI TYPE CIRCUIT BREAKER.

APPENDIX #1	DESCRIPTION
1	ISS/REV
09/17/21	DATE
OWNER/CC	ISSUED TO

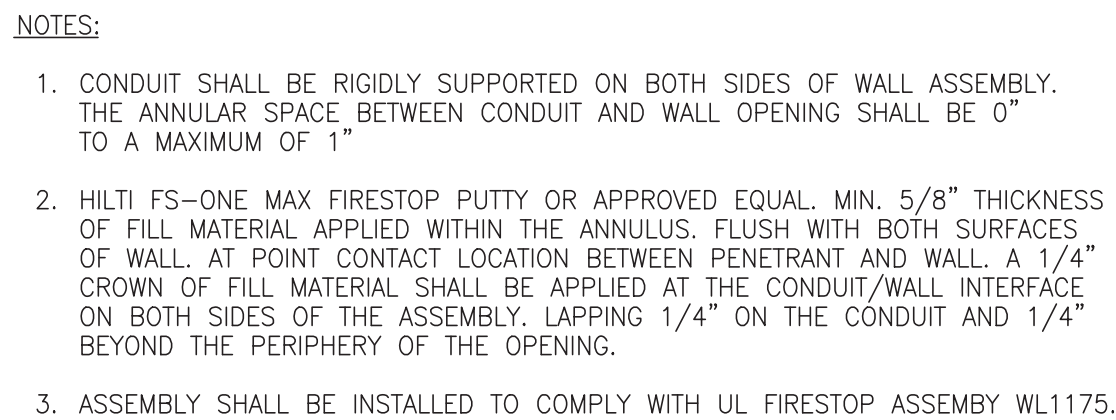


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OLD OAKS COUNTRY CLUB

PROJECT ADDRESS

ELECTRICAL RISER DIAGRAM & PANEL SCHEDULES



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