REFER TO MECH. & ELECT. HORSEPOWER A
HORSEPOWER B
KILOWATTS B
WATTS C
FULL LOAD AMPS
RUN LOAD AMPS
MINIMUM CIRCUIT AMPS  $O \times P$ VOLTAGE 120V-1PH 1 208V-1PH 1 240V-1PH BRANCH CIRCUIT
WIRE & CONDUIT CB CIRCUIT BREAKEI
REFER TO DWGS FU FUSE SIZE HG! PHASE (V-PH) 277V-1PH 480V-1PH 耳の耳 208V-3PH 240V-3PH 480V-3PH

Q C	COORDINATION SECTION OF SPECIFICATIONS	RD REFER TO DWGS	FU	FUSE SIZE	(*)
KEY	EQUIPMENT NAME	LOAD	BRANCH V-PH	H CIRCUIT WC	CB FU
AC	AIR CONDITIONING UNIT #1	1/16 HP	<b>)</b> ;	<del>,</del>	20/1
td l	BOILER #1,2	5.0 KW	<u></u>	ю	15/3
CP	CIRCULATING PUMP #1	1/6 HP	Scorette and the second	Control of the Contro	20/1
G.	CIRCULATING PUMP #2	1/12 HP	æ	<b>ي</b> سي	20/1
CU	CONDENSING UNIT #1	12.1 MCA		F4	20/1
CUH	CABINET HEATER #1,2,3	170 W	Þ	junt.	20/1
CUH	CABINET HEATER #4,5	320 W	A	<b>}</b> •	20/1
CUH	CABINET HEATER #6,7,8	245 W	Þ	المسؤ	20/1
DE P	EXHAUST FAN #1	1/4 HP	Þ	<b>⊢</b> •	20/1
[편]  편]	EXHAUST FAN #1,2,3,4,5,6,7	7 1/4 HP	Þ	<b>⊢</b> -¹	20/1
HOH	ELECTRIC UNIT HEATER #1	15.0 KW	ж	ហ	30/3
HMH	ELECTRIC WATER HEATER #1,	#1,2,3 3.0 KW	T) kalandi madio and Villadolphor mindolphor and Amadaland	de de la companya de	20/1

jui, Fa	EXHAUST FAN #1, 2,3,4,5,6,7	1 4 11	\$	+-	70/1
EUH	ELECTRIC UNIT HEATER #1	15.0 KW	THE CONTRACTOR OF THE CONTRACT		30/3
H	ELECTRIC WATER HEATER #1,2,3	3.0 KW	U	g	20/1
GFT.	GLYCOL FEED PUMP	20 A CKT	) delen al mandro ad la Università de la Companya del Com	MacCondition (Colored and Proportion (Colored and Prop	20/1
GWH	GAS WATER HEATER #1	1/4 HP	A	<u></u>	20/1
XE F	exhaust fan #6	1. 5 Hy	j::	2	15/3
MAU	MAKE UP AIR UNIT #6	2 HP	I	2	15/3
**************************************	PUMP #1,2	10 HP		ហ	35/3
RC .	REMOTE CHILLER #1	1/2 HP	A	fron di	20/1
RC	REMOTE CHILLER #2	1/5 HP	Þ	ائس <b>غ</b>	20/1
RIU	ROOF TOP UNIT #1	34.0 MCA	II,	4	40/3
RTU	ROOF TOP UNIT #2	87.0 MCA	æ	9	100/3
RTU	ROOF TOP UNIT #3	18.9 MCA		5.	25/3
RTU	ROOF TOP UNIT #4	132.0 MCA		တ	150/3
R.TU	ROOF TOP UNIT #5	121.0 MCA	The state of the s	10	125/3
RTU	ROOF TOP UNIT #6,7	35.0 MCA	耳	Þ	45/3
T T	UNIT HEATER #1	T/4 HP	The settle should be a settle sh	A A A A A A A A A A A A A A A A A A A	20/1

NOTE:	Ter decident instabilization provedices
REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF EQUIPMENT.	
DRAWINGS	art enventristen digressatskisten en Celle (stelestristen en en en
N O N	miletin dellarabitore della
EXACT	er versenande et en dela del del commerce et en
LOCATION	
Ç	PERVIOUS CONTRACTOR CONTRACTOR

لدا	N	konš
N	w	N
*10	#12	# 1 2
mofes.	4	-f-
fA	<del>}</del>	فسا
⊖ ₩	準した	#12
GROUND	GROUND	GROUND
i	4	ŧ
1/2	1/2"	22
EZT	EME	EMT

10	Qj	ග	>-
ω	(u)	Ų	(,
#	# ω	#=	4
**	+	$\hat{\circ}$	-1
حخ	}1	-	ļ-
う (学	# 8	l-d	<b>≠</b>
3 #1 + 1 #6 GROUND -	#3 + 1 #8 GROUND -	3 #1/0 + 1 #6 GROUND	U #4 + F #0 GROONS - F EST
- 1-1/4" EMT	. 1-1/4" EMT	- 1-1/4" EMT	

_		,	
=	10	Q)	đ
1	W	(بر)	٤
	#	# W	# 1
	**	+	ζ
	خسخ	<u>}4</u>	-
	ω #	# ©	}
	GROUND	GROUND	#1/0 + 4 #0 GNOOM
İ	ŧ	j	2
	1-1/4"	1-1/4"	7 7 7
	EMT	EMT	T T.W.T

XET	EXHAUST FAN #6	1.5 Hp	E	N	15/3
UAM	MAKE UP AIR UNIT #6	2 HP	П	2	15/3
VV COLUMN TO THE	PUMP #1,2	10 HF	ជ	tn	35/3
RC	REMOTE CHILLER #1	1/2 нр	斑	<b>f</b> -cod	20/1
T.C.	REMOTE CHILLER #2	1/5 HP	Salar valor valoritation de la company de la	Security Control of Co	20/1
RTU	ROOF TOP UNIT #1	34.0 MCA	I	42	40/3
RTU	ROOF TOP UNIT #2	87.0 MCA	<b>II</b>	Ó	100/3
RTU	ROOF TOP UNIT #3	18.9 MCA		(Ji	25/3
RTU	ROOF TOP UNIT #4	132.0 MCA		ω	150/3
RTU	ROOF TOP UNIT #5	121.0 MCA	2004	10	125/3
RTU	ROOF TOP UNIT #6,7	35.0 MCA	I	4 <b>&gt;</b>	45/3
UH	UNIT HEATER #1	1/4 HP	The state of the s	<u> </u>	20/1

	NOTE:	alm-decides tenthidibundus sinces	HU
EQUIPMENT	KEEKK TO 1		UNIT HEATER #1
•	REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF MECHANICAL	APPERENT AND THE STATE OF THE WAS ENTERED AND THE STATE OF	ER #1
	DRAWINGS	armente de desenta de ser después de des destacados de mistra de sentene de sentene de sentene de sentene de s	
	N O R	enteren delicante innerven	
	EXACT	en e	1/6
	LOCATIO	or existence of the second contract of the se	1/4 HP A
	N OF	HOSEN SONESPONDED	
	MECHANI	ATTACHER TO THE WASHINGTON TO THE PARTY OF THE PARTY OF THE PARTY.	<b> </b> 4
	CAL	earchement comment feeder.	20,

enter de la comparte del la comparte de  la comparte de la compart	Andrews ( Parameter ( Paramete	real in Traditional Living and Confessional		yo's here, of Astron Jackinsky med tretten propriety med species of designation of the tree confinement of the species of the	eindelijb did boekerer sk	e việt ở giệt là việt là chi là chiết l	elis dorum es la lumbar methologica de	rydicass partingges rows	PARTICULAR PROPERTY PARTIC	AMARACOFINA CACAMATORISM VAFFARA INCOMETAR	er v countre i i riburdo, re diça beştik de açısı de şirile de çirile de
RTU	ROOF	rop u	ROOF TOP UNIT #6,7			35.0 MCA	MCA	耳		Æ,	45/3
UH	UNIT HEATER #1	HEATE	77 #1		***************************************	1/6	1/4 HP			<u> </u>	20/1
NOTE:	为四月四月四月四月四月四月四月四月四月四月四月四月日日日日日日日日日日日日日日	TO II	NOTE: REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF MECHANICAL	DRAWINGS	편 이곳	EXACT	LOCAT	ION	C Fj	MECHANIC	P

MECHANIC	O H	FOR EXACT LOCATION OF MECHANIC	RXACT	FOR	DRAWINGS	REFER TO MECHANICAL DRAWINGS EQUIPMENT.	NOTE:
MANATURE AND ARREST PROGRAMMENT OF THE PROGRAMMENT	agroco quanco ini	een takomatusmaalista ortetto eelilukkojilkeriiskekset	ou to community, seem joing in fact communities or o	ripción dellarabisone ultro-d			apiro dessido en fordissido hombro el 194 estado 43 desde

(u)	N	pod
N	W	N
# 10	#12	#12
мфт.	s	worker.
food	<del>}</del>	فسة
# P *	井しつ	#   
GROUND	GROUND	GROUND
Ĕ	ş	ŧ
1/2	1/2"	1/2=
ENT	EME	EMT

ω	N	w	3
**	*10	#12 + 1	The state of
	m <b>4</b> r.	- <del></del>	
<del></del>	f∞å	<del>} }</del>	ş
**	* O	井して	12 27. 637
#8 + 1 #10 GROUND - 3/4" EMT	#10 + 1 #10 GROUND	GROUND	If the day is the fit to day the fit is an in the fit of
	í	i	
3/4"	1/2" 国对了	1/2" EMT	
TMT	EMT	TIME!	Constitution of the second

*	ម្ចា	12	(بد)	
)	<b>(</b> ,)	w	N	
C FO FAC CENTS	#10 + 1 #10 GROUND - 1/2" EMT	#8 + 1 #10 GROUND - 3/4" EMT	#10 + 1 #10 GROUND - 1/2" EMT	

2	ထ	~	Ø)	មា	4	(ي)
J	Ų.	(بر)	w	ω	w	N
FM 1 1 CIVITY 1 1 / AM THE	3 #1/0 + 1 #6 GROUND - 1-1/4" EMT	3 #4 + 1 #8 GROUND - 1" EMT	3 #6 + 1 #10 GROUND - 1" EMT	3 #10 + 1 #10 GROUND - 1/2" EMT	#8 + 1 #10 GROUND - 3/4" EMT	2 #10 + 1 #10 GROUND - 1/2" EMT
	Ή					

*** Therestoways (1.5%)	20/1	The control and the control an	in the state of th	1/4 HD	UNIT HEATER #1	GH
	45/3	ď.	耳	35.0 MCA	ROOF TOP UNIT #6,7	X U
минеро-арминерам.	125/3		The state of the s	121.0 MCA	ROOF TOP UNIT #5	RTU
	150/3	Φ.		132.0 MCA	ROOF TOP UNIT #4	RTU
ANTINATION TO A STREET	25/3	g.		18.9 MCA	ROOF TOP UNIT #3	RTU
	100/3	و	エ	87.0 MCA	ROOF TOP UNIT #2	RTU
No. of the state o	40/3	4	I	34.0 MCA	ROOF TOP UNIT #1	RTU
	20/1	فسو	T,	1/5 HP	REMOTE CHILLER #2	R C
	20/1	نسنا	Þ	1/2 HP	REMOTE CHILLER #1	RC
	35/3	អ	Ħ	10 HP	PUMP #1,2	ับ
Vicinity of the control of the contr	15/3	23	III	5 2 HP	MAKE UP AIR UNIT #6	UAM
	15/3	2	¤	1.5 HP	EXHAUST FAN #6	大田町

UNIT HEATER #1	ROOF TOP UNIT #6,7	ROOF TOP UNIT #5	ROOF TOP UNIT #4	ROOF TOP UNIT #3	ROOF TOP UNIT #2	ROOF TOP UNIT #1	REMOTE CHILLER #2	REMOTE CHILLER #1
1/4 HP	35.0 MCA	121,0 MCA	132.0 MCA	18.9 MCA	87.0 MCA	34.0 MCA	1/5 HP	1/2 HP
egy Local Control of the Control of	I	Address restrictives are addressed to		Andrewsky and the state of the	<b></b>	The state of the s	Œ	The state of the s
distal (formal-laten from the fact of the	4		ಹ	go.	٥		فسغ	di e alique de la companya de la com
29/1	45/3	125/3	150/3	25/3	100/3	40/3	20/1	20/1
SALVANO CORPORA TORRORANA SALVANO		A copposition between the forest the company of the	€W	TO COLUMN OF STOLEN AND AND AND AND AND AND AND AND AND AN	ω	, and a special property of the special property of th		Marketon auto-presidente promotion de la constanta de la const
 ·	<del>- 1 : 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 </del>		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		t <sub>a)</sub> V <sup>a</sup> i	<del>,</del>	
	H	 ろ [	tri .	[7]	闰		四月	<b>1</b> 10

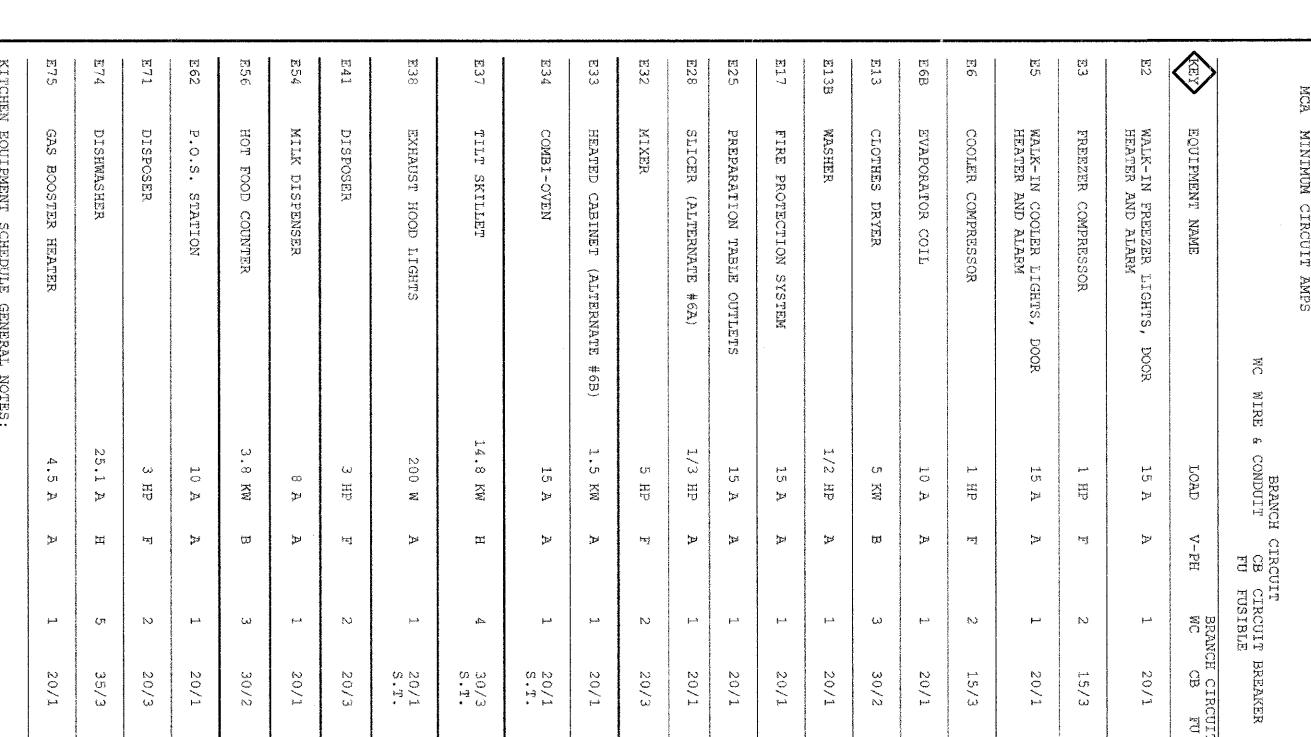
1/4 HD	35.0 MCA	121.0 MCA	132.0 MCA	18.9 MCA	87.0 MCA	34.0 MCA	
	Ħ			in the second se	a.	The second secon	
<u> </u>	44	10	Φ	g.	9	The second secon	
20/1	45/3	125/3	150/3	25/3	100/3	40/3	
	<u>  *</u>	KITCHEN EC		里74	<b>河</b>	E 62	
J.C	S C S	E E	S	ဌ	DI	• fd	

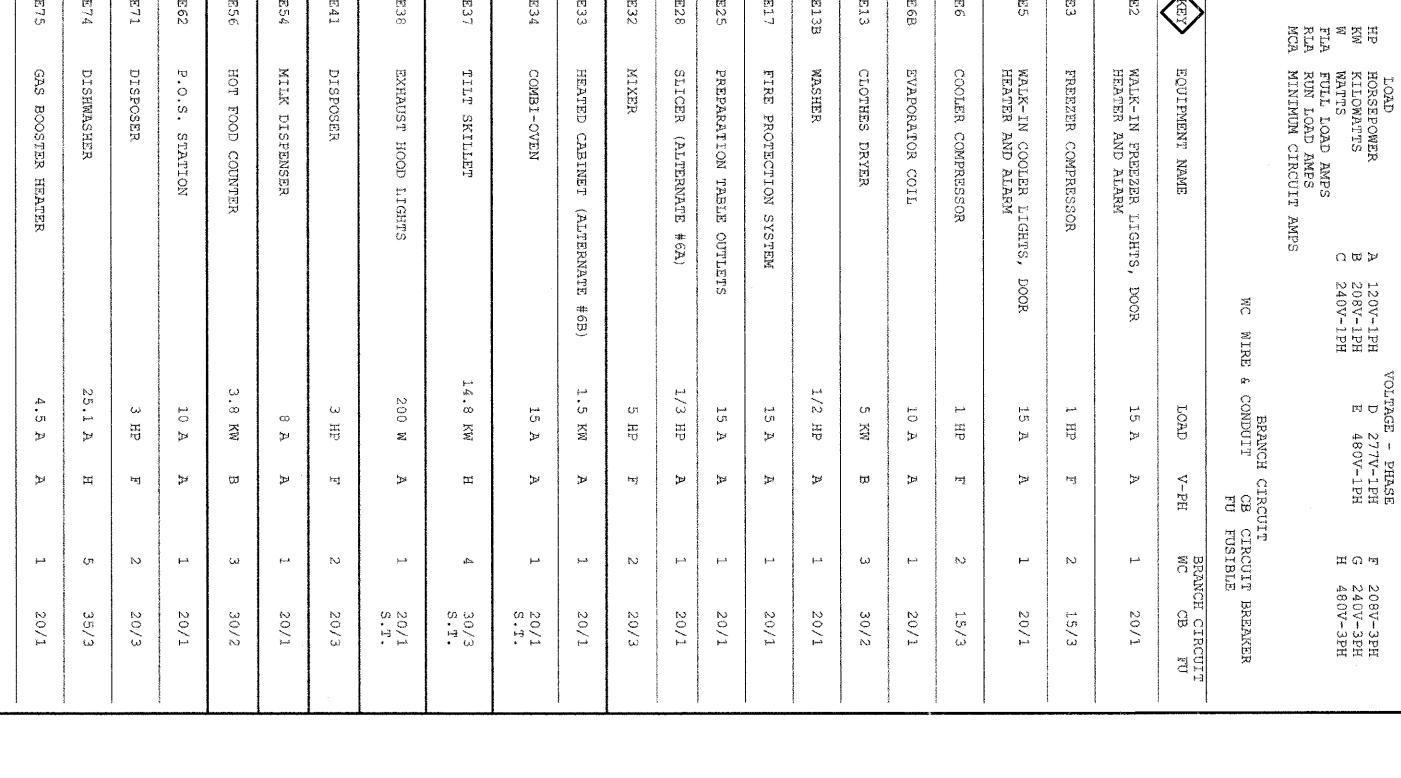
BY ELECTRICAL CONTRACTOR.
FURNISHED AND INSTALLED BY KITCHEN EQUIPMENT CONTRACTOR,
CONTRACTOR FRIOR TO ROUGH-IN. FIRE EXTINGUISHING HOOD A
VERIFY EXACT LOCATION OF GAS SOLENOID VALVE(S) WITH MECH
AUTOMATICALLY SHUT OFF GAS SUPPLY TO COOKING EQUIPMENT.
SUCH THAT WHEN HOOD FIRE EXTINGUISHING SYSTEM IS SET OFF
CONTRACTOR (120V). ELECTRICAL CONTRACTOR TO WIRE HOOD A
1 GAS SOLENOID VALVE(S) FURNISHED AND INSTALLED BY MECHANI
KITCHEN EQUIPMENT SCHEDULE GENERAL NOTES:

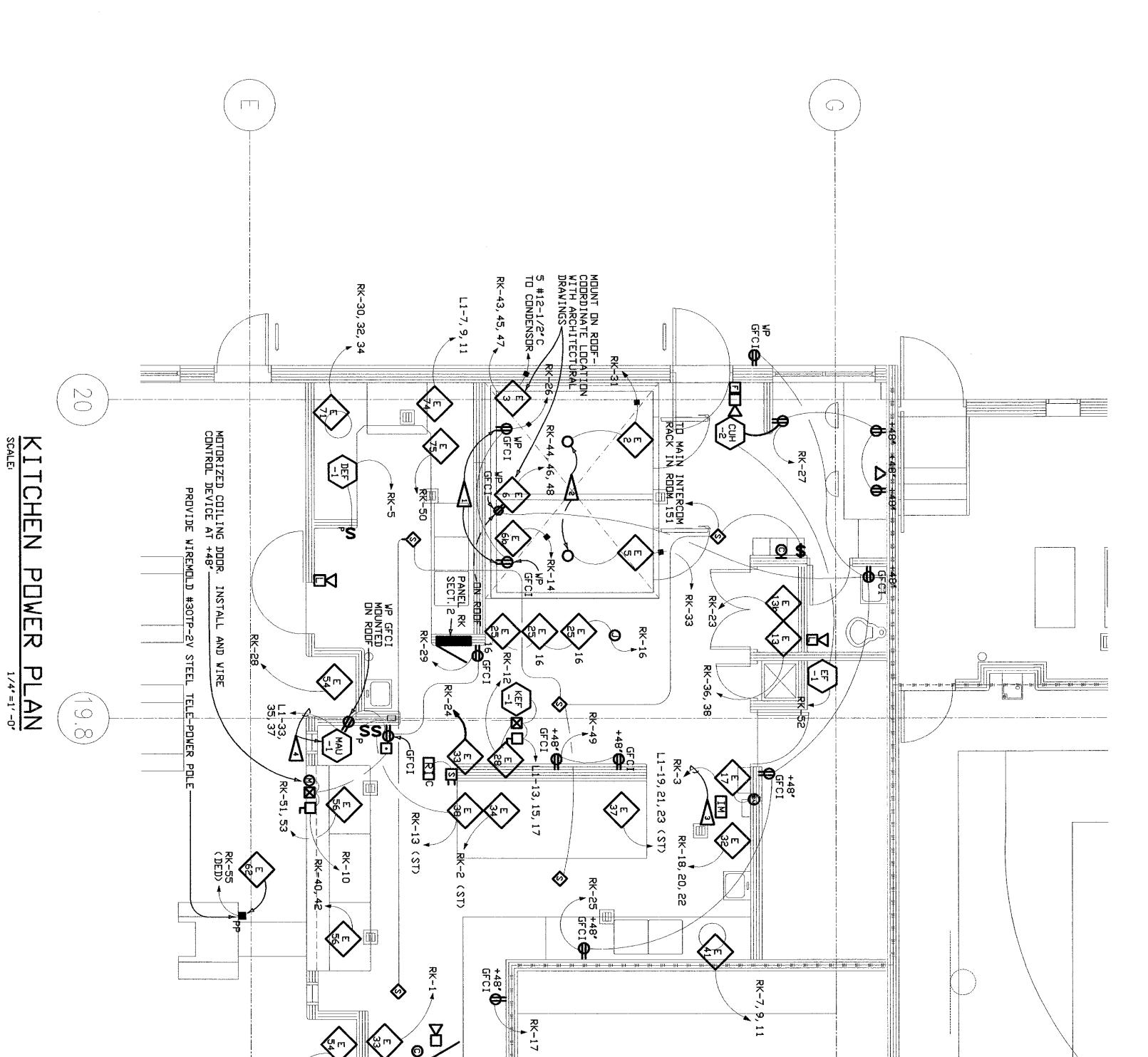
SYSTEM. CONNECT TO SEPARATE FIRE ALARM ZONE. PROVIDE HOOD FAN CONTROL INTERLOCK WITH FIRE ALARM AS REQUIRED BY LOCAL	INTERLOCK COLL WITH FIRE EXTINGUISHER SYSTEM HOOD ACTUATOR SUCH THAT WHEN HOOD IS ACTIVATED IT WILL AUTOMATICALLY SHUT OFF POWER TO EQUIPMENT. INTERLOCK HOOD EXTINGUISHING WITH FIRE ALARM	PROVIDE SHUNT TRIP CIRCUIT BREAKERS FOR EQUIPMENT UNDER HOODS. SHUNT TRIP CIRCUIT BREAKERS SHALL HAVE 120V OPERATING COIL.	VERIFY EXACT LOCATION OF GAS SOLENOID VALVE(S) WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. FIRE EXTINGUISHING HOOD ACTUATOR FURNISHED AND INSTALLED BY KITCHEN EQUIPMENT CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.	GAS SOLENOID VALVE(S) FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR (120V). ELECTRICAL CONTRACTOR TO WIRE HOOD ACTUATOR SUCH THAT WHEN HOOD FIRE EXTINGUISHING SYSTEM IS SET OFF IT WILL AUTOMATICALLY SHUT OFF GAS SUPPLY TO COOKING EQUIPMENT. FIELD

To	TO EQUIEMENT. INTERLOCK HOOD EXTINGUISHING WITH FIRE ALARM	
N N N	SYSTEM. CONNECT TO SEPARATE FIRE ALARM ZONE. PROVIDE HOOD FAN	
CO1	CONTROL INTERLOCK WITH FIRE ALARM AS REQUIRED BY LOCAL	
AUI	AUTHORITIES HAVING JURISDICTION. PROVIDE ALL NECESSARY RELAYS,	
CO	CONTROL TRANSFORMERS, ETC., AND MAKE ALL FINAL CONNECTIONS.	
CO	CONTRACTOR SHALL REFER TO KITCHEN DRAWINGS FOR LOCATIONS,	
NOI	MOUNTING HEIGHTS, AND ROUGH-IN DIMENSIONS FOR ALL KITCHEN	
₹ 2	ROTTOMENT DROVIDE ALL NECESSARY RISED DISCONNECES, STARTERS.	

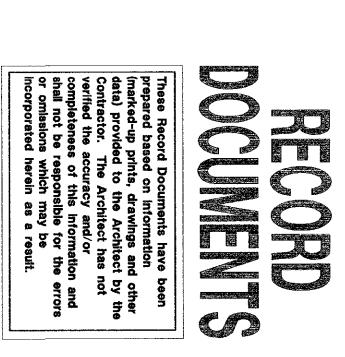
MOUNTING HEIGHTS, AND ROUGH-IN DIMENSIONS FOR ALL KITCHEN EQUIPMENT. PROVIDE ALL NECESSARY FUSED DISCONNECTS, STARTERS, RECEPTACLES, SWITCHES, RELAYS, ETC., AS SHOWN ON KITCHEN EQUIPMENT DRAWINGS. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR THE TYPE OF CONNECTION REQUIRED FOR EACH PIECE OF EQUIPMENT. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO
TYPE OF CONNECTION REQUIRED FOR EACH PIECE OF EQUIPMENT. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO
KITCHEN EQUIPMENT. ELECTRICAL CONTRACTOR SHALL REFER TO KITCHEN EQUIPMENT ELECTRICAL SPECIFICATIONS AND CONFORM TO REQUIREMENTS.
ALL ELECTRICAL CONDUIT, BOXES, ETC. SHALL BE INSTALLED CONCEALED IN WALLS UNLESS OTHERWISE APPROVED BY COLORADO STATE HEALTH
IN WALLS UNLESS OTHERWISE APPROVED BY COLORADO STATE HEALTH DEPARTMENT. CONNECTIONS FROM FLUSH MOUNTED BOXES TO EQUIPMENT
SHALL BE MADE WITH LIQUID TIGHT FLEX. METAL FLEX SHALL NOT BE







PARTNERS
INCORPORATED
essional Corporation

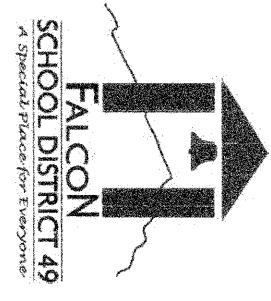


© Copyright 2004 The LKA Partners, Inc. This document and the information contained herein may not be reproduced or excerpted from without the express written permission of The LKA Partners, Inc. Unauthorized copying, disclosure or construction use are prohibited by copyright law.

Elementary School No. 9

ELECTRICAL ENGINEERING

1710 Chapel Hills Drive
Colorado Springs, CO. 80920
Telephone: (719) 594-0022
Facsimile: (719) 594-0538 CONSULTING ENGINEERS INC.



Falcon
School District 49
10850 E. Woodmen Road
Falcon, Colorado 80831

RECORD DRAWINGS

Checked: 10/22/04

Area Key s 12/1/06

Plan

 $\varpi$ 

POWER PLAN
NORTH
NORTH
NORTH
NORTH
NORTH
NORTH
NORTH FUTURE

TION CCURACY PORATED Elementary School 9 Project No. 03-016
The LKA Partners Incorporated