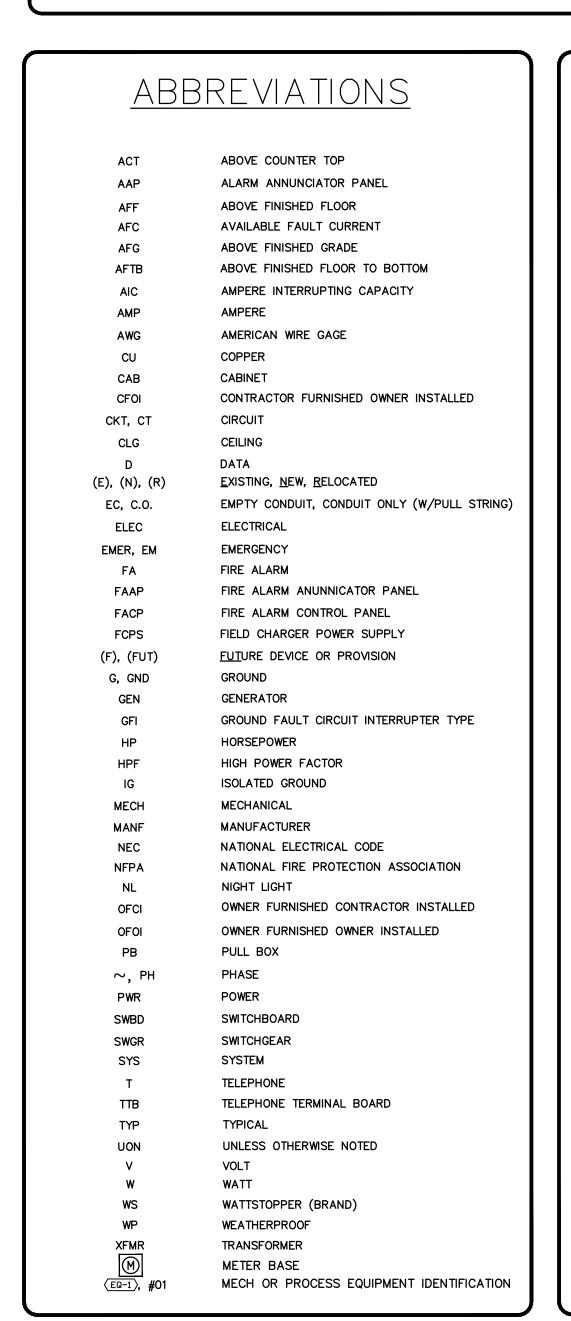
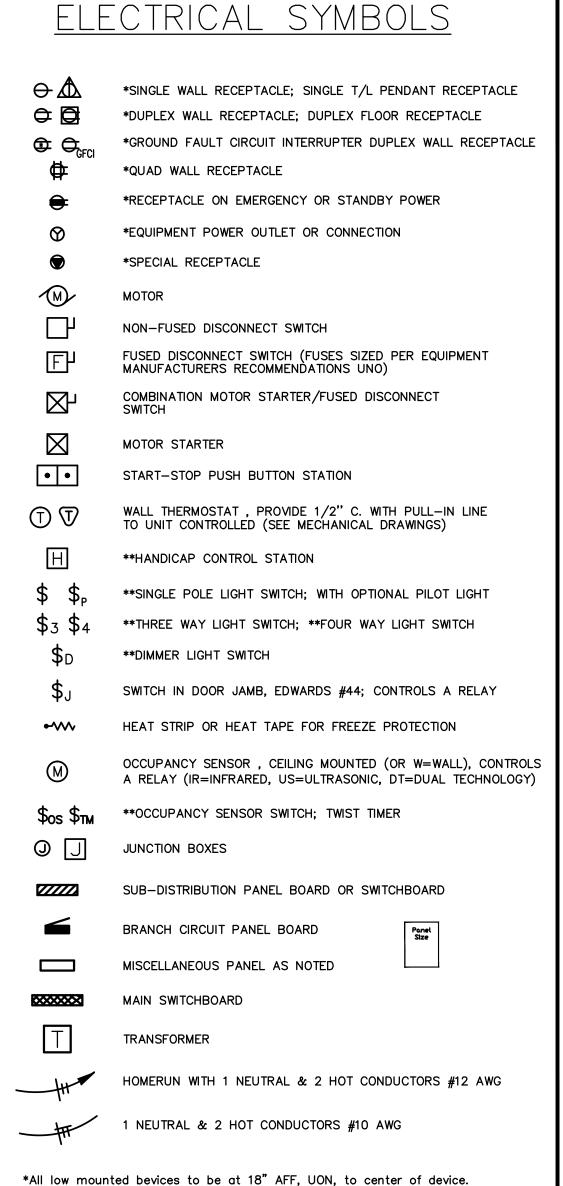
CENTRAL KITCHEN and WOODSHOP UNIVERSITY OF OREGON, HOUSING DEPARTMENT ELECTRICAL DRAWINGS

ELECTRICAL CONSTRUCTION COMPANY

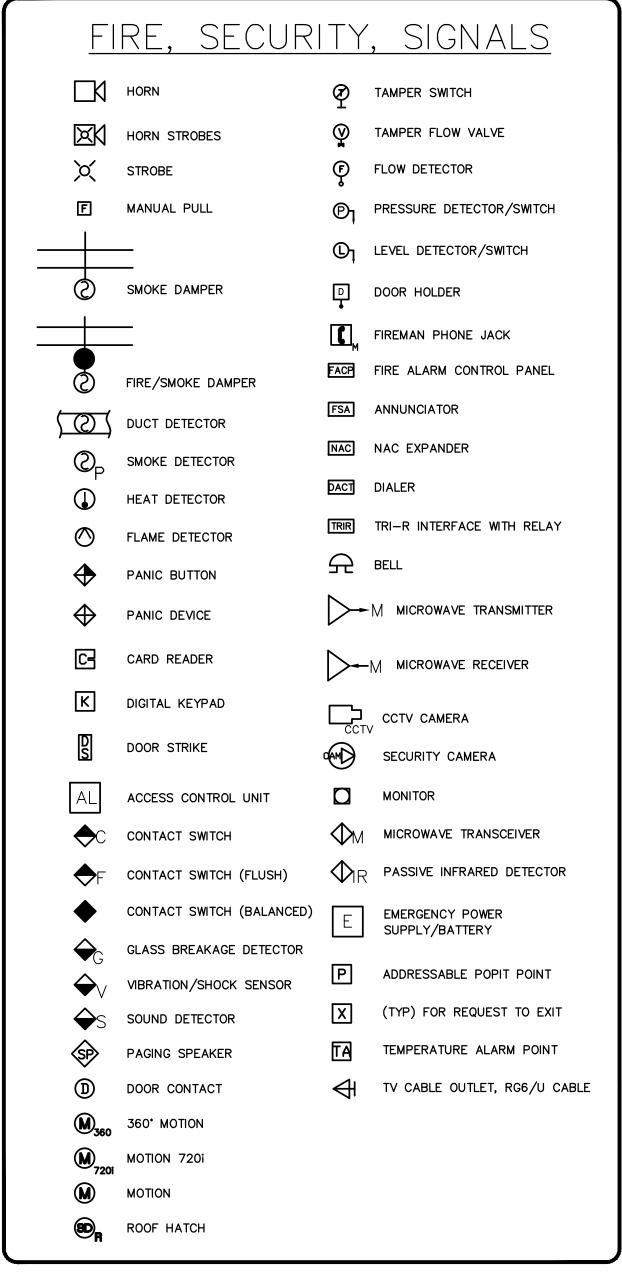
SYMBOLS AND SCHEDULES

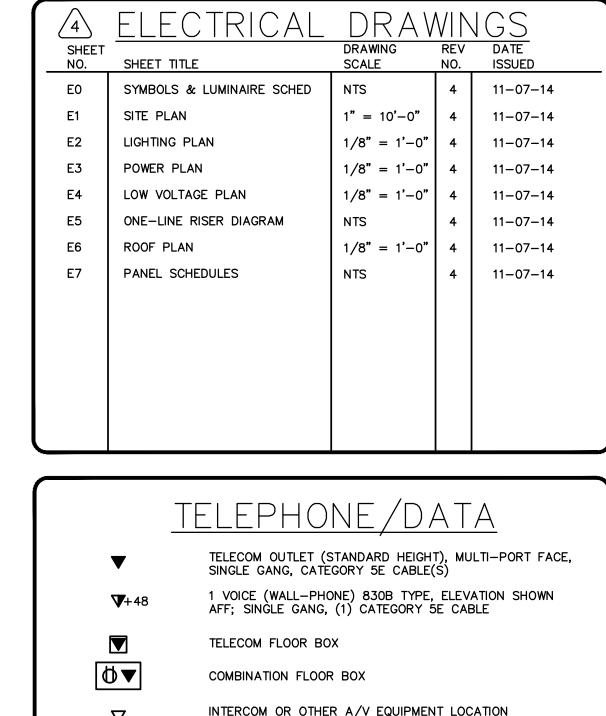


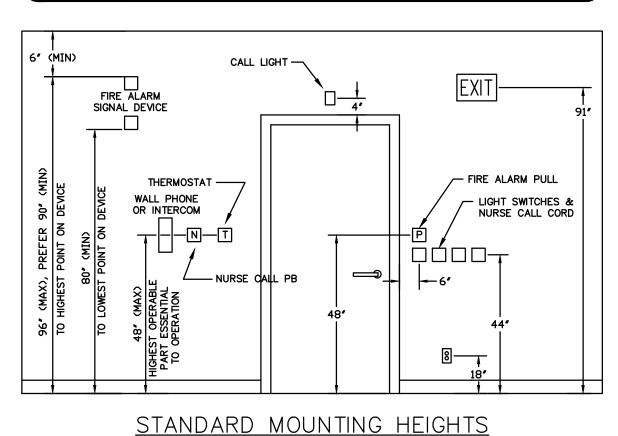


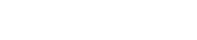
**All light switches to be at 44" AFF, UON, to center of device.

	2'X4' GRID-TYPE FLUORESCENT FIXTURE	⊗	PENDANT EXIT SIGN (LIGHTED, TYP)
\angle	2'X2' GRID-TYPE FLUORESCENT FIXTURE	•	TWO-SIDED EXIT SIGN
	1'X4' GRID-TYPE FLUORESCENT FIXTURE	*	SURFACE MOUNT EXIT SIGN W/BUG-EYE LIGHTS
	4ft SURFACE OR SUSPENDED FIXTURE	∑	WALL MOUNTED EXIT SIGN
	_	Ø	RECESSED DOWN LIGHT
	8ft SURFACE OR SUSPENDED FIXTURE		RECESSED DOWNLIGHT ON EMERGENCY CIRCUIT
	2'X4 PARABOLIC FIXTURE	□ Q □	2' WALL MOUNT FLUORESCENT FIXTURE
\blacksquare	2'X2' PARABOLIC FIXTURE	<u> </u>	4' WALL MOUNT FLUORESCENT FIXTURE
-1-1-			WALLWASH FIXTURE
	1'X4' PARABOLIC FIXTURE		BUG-EYE FIXTURE WITH EMERGENCY POWER
— ○ŧ	2' STRIP FIXTURE		BOO ETE TIMORE WITH EMERGENOT FOWER
	2' STRIP FIXTURE EMERGENCY		BUG-EYE FIXTURE W/EXIT SIGN
——Он	4' STRIP FIXTURE		POLE LIGHT FIXTURE
	4' STRIP FIXTURE EMERGENCY	m.	
OH	6' STRIP FIXTURE		WALL PACK FIXTURE
	8' STRIP FIXTURE EMERGENCY	۵	WALL SCONCE
•	4 6 SIRIF FIXTURE EMERGENCE	Q	WALL ROUND
	H 8' STRIP FIXTURE	_ * * *	TRACK LIGHTING FIXTURE
\bigcirc	HIGHBAY OR OTHER PENDANT FIXTURE	4	SPOTLIGHT
	PENDANT FIXTURE WITH EMERGENCY POWER		
	1X4 EMERGENCY POWER INDICATOR		
	2X2 EMERGENCY POWER INDICATOR		
	2X4 EMERGENCY POWER INDICATOR		
\oplus	MISC FIXTURE, RECESSED OR PENDANT (TYP)		



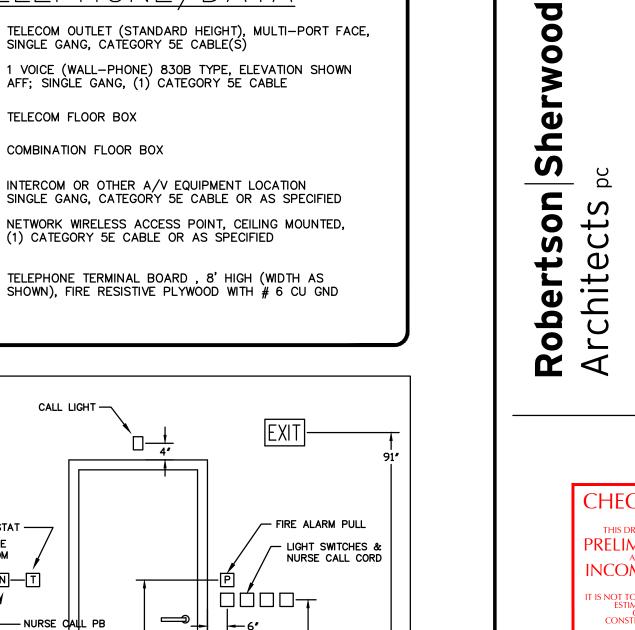






GENERAL NOTES

- 1. SCOPE OF PROJECT: CONSTRUCT NEW BUILDING. WORK INCLUDES SOME UNDERGROUND SITE WORK AND EXTENSION OF EXISTING COMMUNICATIONS LINES AS WELL AS A NEW POWER SERVICE. ALL DISTRIBUTION AND BRANCH CIRCUIT WORK IS NEEDED FOR RECEPTACLES, EQUIPMENT, AND LIGHTING.
- 2. OPTIONAL STANDBY POWER SYSTEM INTERFACE SHALL BE INSTALLED USING A TRANSFER SWITCH OR A SYSTEM OF KEY-INTERLOCKED BREAKERS. POWER PANELS TO FEED EQUIPMENT REQUIRING BACKUP POWER SHALL BE SEPARATE FROM NORMAL POWER PANELS IF ENTIRE FACILITY IS NOT FED BY THE STANDBY POWER SYSTEM. THE GENERATOR MAY BE EITHER PORTABLE OR ADD-ALTERNATE.
- 3. COORDINATE MAJOR MECHANICAL EQUIPMENT AND ALL OWNER-FURNISHED EQUIPMENT CONNECTION REQUIREMENTS. VERIFY RATINGS AND INSTALLATION DETAILS & LOCATIONS PRIOR TO ROUGH-IN OF ELECTRICAL FEEDERS OR BRANCH CIRCUITS & EQUIPMENT.
- 4. COORDINATE WITH FIRE ALARM & BUILDING AUTOMATION SUBCONTRACTOR(S) FOR THEIR WIRING REQUIREMENTS. INSTALL CONDUIT CHASES FOR LOW YOLTAGE SYSTEMS AS REQUIRED. PROVIDE CONNECTIONS FOR FIRE/SMOKE DAMPERS WHERE REQUIRED.
- 5. CIRCUITING IS TYPICALLY SHOWN SCHEMATICALLY. PROVIDE CIRCUITING IN THE SIMPLEST MANNER WITH CONSIDERATION FOR BUILDING CONSTRUCTION. ALSO COMPLY WITH N.E.C. 210.4(B) WHERE MULTI-WIRE BRANCH CIRCUITS ARE RUN. RECORD ANY CHANGES TO PROPOSED PANELBOARD SCHEDULES.

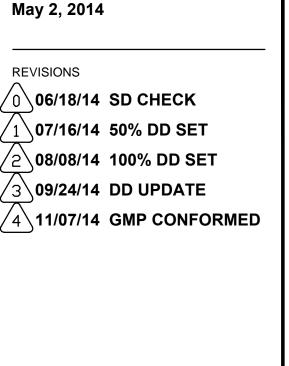


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ELECTRICAL SYMBOLS & ABBREVIATIONS, **LUMINAIRE SCHEDULE**

SHEET NUMBER

NOTE: NOT ALL SYMBOLS SHOWN PERTAIN TO THIS PROJECT.



G. Anderson

DESIGN DATE

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A.Gibbs

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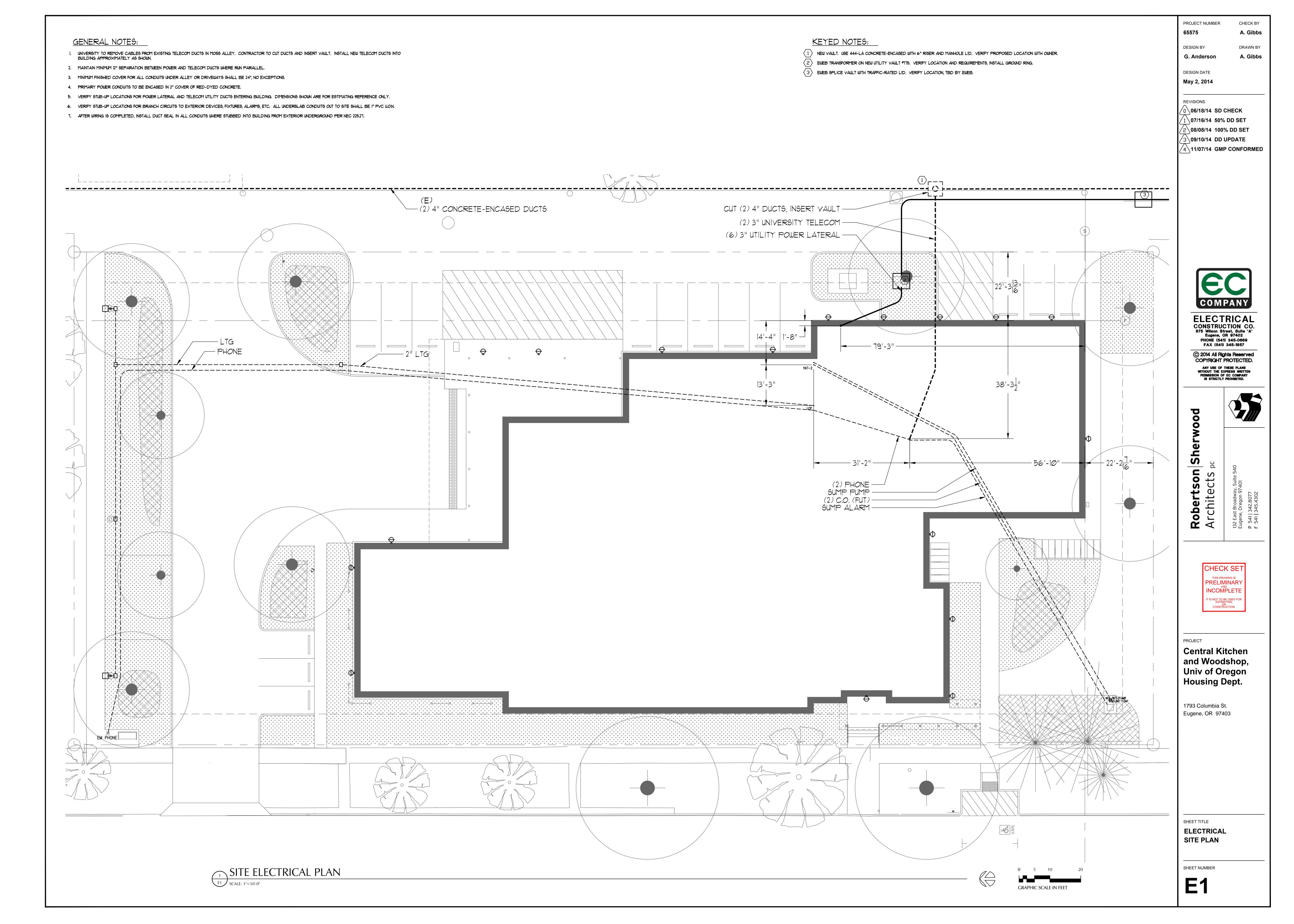
A.Gibbs



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- 1. MOUNT WALL SWITCHES CENTER +44" AFF. SEE ARCHITECTURAL DETAILS TO VERIFY FIXTURE MOUNTING HEIGHTS, ESPECIALLY WALL-MOUNTED OVER OR UNDER CABINETS,
- 2. CONNECT NEW LUMINAIRE WIRING TO SWITCH LEGS FROM LIGHTING CONTROL PANEL (LCP) AS REQUIRED. VERIFY FUNCTIONS & PROGRAMMING.
- 3. ALWAYS POWERED: OCCUPANCY SENSORS FOR AUTOMATIC LIGHTS IN ROOMS AS NOTED (IF ANY), AND NIGHT LIGHTS. ADDITIONAL SWITCHES IN ROOMS WITH OCCUPANCY SENSORS SHALL BE POWERED FROM THE SENSOR'S SWITCH LEG.
- BEFORE DIMMING, OPERATE FLUORESCENT LUMINAIRES FOR 100 HRS WITH DIMMER SET AT FULL BRIGHTNESS. THIS SHOULD BE DONE ANY TIME LAMPS ARE CHANGED.
 WIRING METHOD IS EMT FOR HOME RUNS TO PANELS, OR RNMC (PVC) UNDER SLAB, WITH EMT OR TYPE MC CABLE BRANCH CIRCUITS. TERMINATE INSULATED COPPER GND CONDUCTORS IN BRANCH PANELS.
- 6. BRANCH HOME RUN CONDUCTORS TO BE OVERSIZED AS REQUIRED TO LIMIT VOLTAGE DROP FROM PANEL TO NO MORE THAN 3%.
- 1. WHERE SPACE ABOVE CEILING IS ENVIRONMENTAL AIR RETURN, COMPLY WINEC 30022(C).
- 8. INSTALL APPROVED FIRESTOP SYSTEM AROUND PENETRATIONS IN FIRE-RESISTIVE WALLS & FLOORS.
- 9. ALL GLASS LAMPS IN FOOD PREPARATION AND CLEAN WARE AREAS SHALL BE SHIELDED PER 2013 FOOD CODE 6-202.11.
- 10. MOUNTING HEIGHT FOR EXIT SIGNS ABOVE DOORS, CENTER AT +96" AFF.

YPE	MANF	CATALOG NUMBER	VOLTS	WATTS	LAMP(S)	NOTES
A2	COLUMBIA	EPC22-217G-DL-EHLU	120-277	37	2) FO17/841/XPS/ECO	2L 2'x2' TROFFER, DELTA SHIELDED LAMPS, HI BF
A 5	COLUMBIA	EPC24-232G-DL-EHLU	120-277	78	2) FO32/841/XPS/ECO	2L 2'x4' TROFFER, DELTA SHIELDED LAMPS, HI BF
B2	PRESCOLITE	DBXQL / LB6LEDA10L-35K-WH	120-277	12	LED 1000 LM	6" DOWNLIGHT, 3500K, ACRYLIC LENS, WH TRIM
C2	COLUMBIA	JT824-232G-FSA12-EU	120-277	55	2) FO32/841/XPS/ECO	2L 2'x4' TROFFER, ACRYLIC LENS
D2	COLUMBIA	AWN4-232-EU	120-277	55	2) FO32/841/XPS/ECO	2L 8"x4" WRAPAROUND ACRYLIC LENS
Е	DUAL LITE	LEDSUEMGWW	120-277	3	6) LED HIGH OUTPUT	EXIT SIGN, GN/WH, UNIV MOUNT W/EMERG BATTERY
G4	COLUMBIA	XEM8-232-DCA-EHLU	120-277	141	4) FO32/841/XPS/ECO	4L 6"x8" T8 ENCL FIBERGLASS, ACRYLIC LENS, HI BF
H2	HUBBELL	LNC2-12LU-3K-3-1	120-277	29	LED 1824 LM	BRZ WALL-MT, LED 3000K, ACRYLIC DIFFUSER, NO UP-L
J4	COLUMBIA	LHR4-432-GWST-4EU-F3C10/FSCP/LHHB	120-277	107	4) FO32/841/XPS/ECO	4L 2'x4' T8 HI-BAY, SOLID TOP, WIDE DISTR, LENS
J5	COLUMBIA	LHR4-432-GWST-1PSX-F3C10/FSCP/LHHB	120-277	91	4) FO32/841/XPS/ECO	4L 2'x4' T8 HI-BAY, SOLID TOP, WIDE DISTR, LENS, LO BF
K2	COLUMBIA	JT824-332G-FSA12.125-3ELWU	120-277	72	3) FO32/841/XPS/ECO	3L 2'x4' TROFFER, REVERSE HEAVY LENS, LO BF
K5	COLUMBIA	JT824-232G-FSA12.125-ELWU	120-277	48	2) FO32/841/XPS/ECO	2L 2'x4' TROFFER, REVERSE HEAVY LENS, LO BF
S1	HOLOPHANE	UGV10DMHT6806 / 12' VISCO POLE (VERIFY)	208	168	1) M150/U/MED	OFCI 'ACORN' LIGHT ON PAINTED POLE, ELEC BALLAST
U2	COLUMBIA	CSR4-232-ST-EU / CSRWG4	120-277	55	2) FO32/841/XPX/ECO	2L 4' OPEN STRIP, REFLECTOR, WIREGUARD
N2	COLUMBIA	W4-232-EU	120-277	55	2) FO32/841/XPS/ECO	2L 4' SLIM WALL BRACKET, DIFFUSE LENS

*SEED (or State Energy Efficiency Design) requires new Oregon state buildings by law to exceed OEESC conservation requirements by 20%.

KEYED NOTES:

- 1 Mount Luminaire above sectional door assembly (when it is in its open position).
- 2 MOUNT LUMINAIRES IN THIS ROOM DIRECTLY ON CEILING SURFACE OR LOWER MEMBER OF TRUSS WHERE EXPOSED.
- (3) MOUNT LUMINAIRES IN THIS ROOM ON JACK CHAIN OR CABLE ASSEMBLY AT ELEVATION SHOWN.
- 4 WALL-MOUNT LUMINAIRE AT ELEVATION SHOWN.
- LUMINAIRES INCLUDED WITH WALK-IN COOLER/FREEZERS. CONNECT TO 120 YAC CIRCUIT APPROXIMATELY AS SHOWN OR AS DIRECTED. DOOR JAMB AND EVAPORATOR DRAIN LINE HEATERS ARE PERMITTED ON SAME WALK-IN CIRCUITS SHOWN FOR LIGHTS.
- 6 DO NOT USE SUPERSAYER TO LAMPS IN LUMINAIRES MOUNTED IN COOL AREAS (LESS THAN 60 DEG. F).

DESIGN BY DRAWN BY

G. Anderson A. Gibbs

DESIGN DATE

CHECK BY

A. Gibbs

PROJECT NUMBER

65575

May 2, 2014

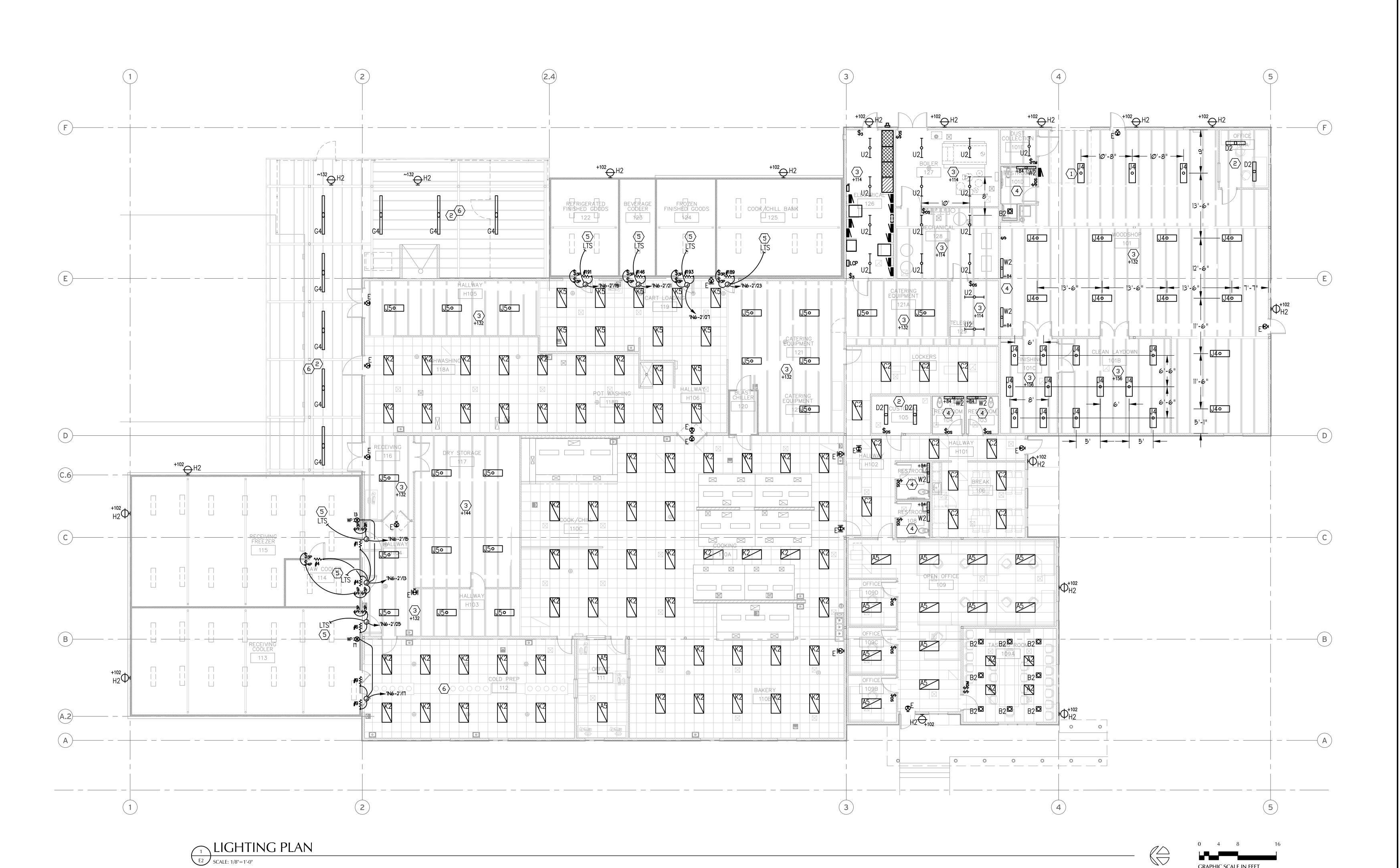
REVISIONS

0 06/18/14 SD CHECK

07/16/14 50% DD SET

2 08/08/14 100% DD SET 3 09/24/14 DD UPDATE







CONSTRUCTION CO.

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SHEET TITLE

ELECTRICAL

LIGHTING

PLAN

SHEET NUMBER

E2

- 1. DEDICATED SPACE FOR SWITCHGEAR AND PANELBOARDS SHALL EXTEND FROM THEIR BASE UP TO 6 FEET ABOVE ENCLOSURES, OR UP TO STRUCTURE IF LOWER. OTHER CONSTRUCTION TRADES SHALL MAKE THEIR INSTALLATIONS OUTSIDE OF THIS SPACE EXCEPT FOR DROP CEILING ASSEMBLIES AND FIRE SPRINKLERS.
- 2. GROUNDING TERMINATION CONNECTIONS SHALL NOT BE REVERSIBLE. GROUNDING CONDUCTORS 16 OR SMALLER SHALL HAVE GREEN INSULATION. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED IN ALL CONDUITS.
- 3. WIRING METHOD IS EMT FOR OVERHEAD HOME RUNS TO PANELS. UNDER SLAB METHOD SHALL USE RNMC (PVC) WITH GRC 90-DEG EL AT STUB UPS. RUN EMT OR TYPE MC CABLE FOR BRANCH CIRCUITS. TERMINATE INSULATED COPPER GND CONDUCTORS IN BRANCH PANELS.
- 4. BRANCH HOME RUN CONDUCTORS TO BE OVERSIZED AS REQUIRED TO LIMIT VOLTAGE DROP FROM PANEL TO NO MORE THAN 3%.
- 5. WHERE SPACE ABOVE CEILING IS ENVIRONMENTAL AIR RETURN, COMPLY WINEC 30022(C).
- 6. INSTALL APPROVED FIRESTOP SYSTEM AROUND PENETRATIONS IN FIRE-RESISTIVE WALLS & FLOORS.
- 1. CENTER LOW DEVICES +18" AFF, UON. CONFIRM MOUNTING: HEIGHTS & LOCATIONS W/INTERIOR ELEVATIONS AND EQUIPMENT SCHEDULE, BO.
- 8. ALL PENDANT CORDS SHALL BE INSTALLED WITH A MINIMUM OF 4' EXTRA LENGTH ABOVE GRIP HANGER FOR RELOCATION OR ADJUSTMENT. SEE KEYED NOTES.
- PROVIDE 6" MINIMUM SEPARATION AND/OR ONE STUD SPACE BETWEEN BACK TO BACK OUTLETS IN NON-FIRE RATED WALLS. INCREASE SEPARATION TO 24" IN FIRE-RATED 9. WALLS. EXCEPTIONS TO BE APPROVED BY ARCHITECT.
- 10. REFER TO FOOD SERVICE EQUIPMENT DRAWINGS FOR INDIVIDUAL EQUIPMENT CONNECTION INFORMATION, AS WELL AS NOTES ON INSTALLATION REQUIREMENTS. COMPLY WITH UNIVERSITY OF OREGON CAMPUS CONSTRUCTION STANDARDS, DIVISION 26 ELECTRICAL, AS BASIC SPECIFICATION. EXCEPTIONS AND MODIFICATIONS TO STANDARD MAY EXIST FOR THIS PROJECT. EXAMPLE, COPPER MAY BE REPLACED BY ALUMINUM FOR PANEL BUS, TRANSFORMERS, & FEEDER CONDUCTORS.

KEYED NOTES:

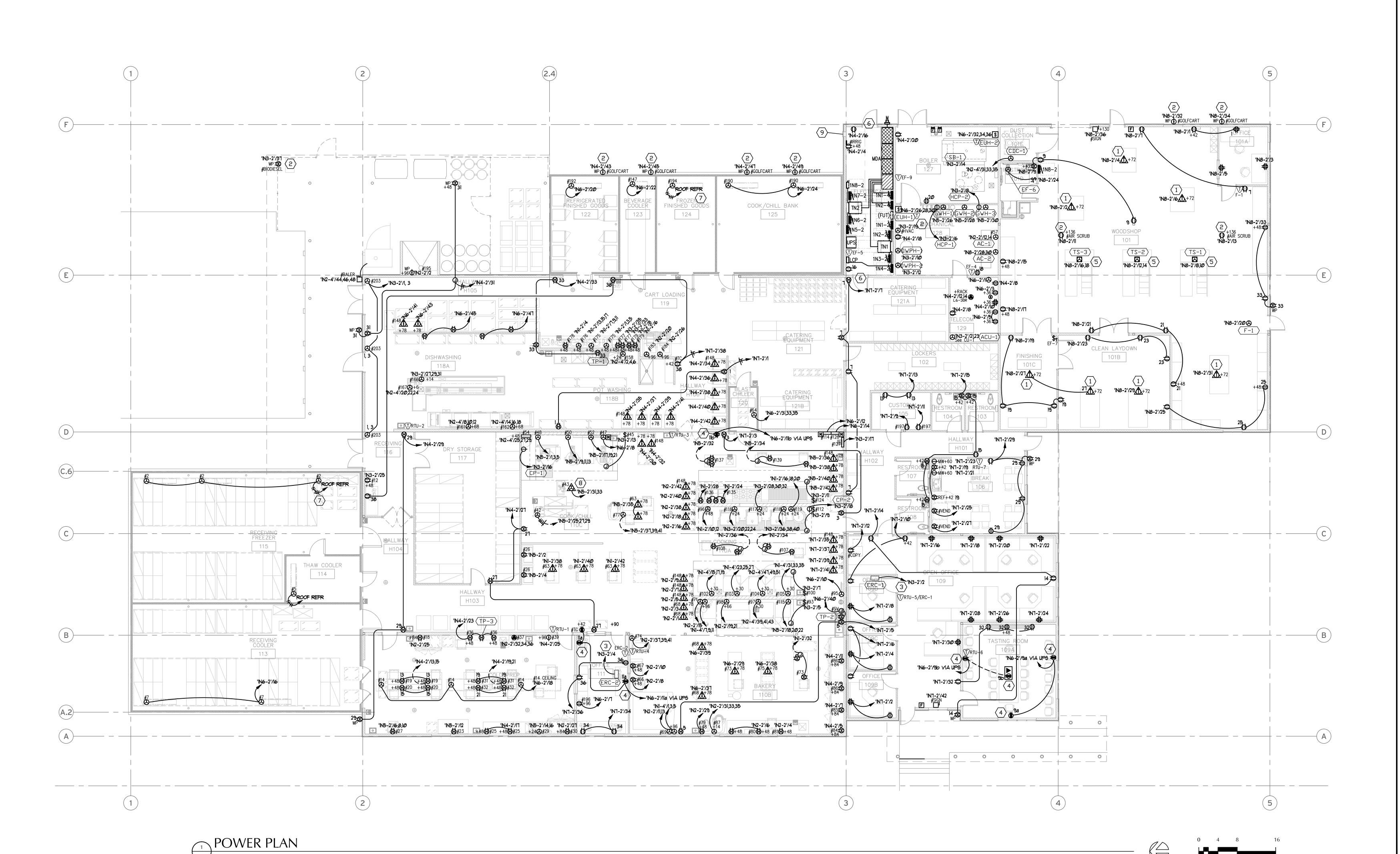
- \langle 1 angle cord drops in wood shop shall be installed with 10' extra length coiled at roof truss for future relocation.
- YERIFY LOCATION.
- \langle 3 \rangle Locate in Ceiling Space.
- 4 LABEL OUTLETS "200 WATTS MAX STANDBY POWER" OR AS DIRECTED BY OWNER. ROUTE CIRCUITS HOME VIA INVERTER OR UPS SYSTEM. CAPACITY OF SHORT-TIME STANDBY SYSTEM AND QUANTITY OF OUTPUT CIRCUITS TBD.
- PULL 40 AUG 3-WIRE 4G CIRCUIT TO ALL FLOOR BOXES. VERIFY NEMA CONFIGURATION REQUIRED TO TRIM OUT FOR OWNER EQUIPMENT, CHANGE BREAKER AS REQUIRED.
- PANIC DOOR HARDWARE REQUIRED PER NEC 11026(C)(3).
- COORDINATE WITH OWNER'S INSTALLATION OF A NORMALLY-CLOSED TIMED-OPEN TIMER ASSEMBLY FOR EVAPORATOR FANS IN THIS FREEZER
- CORD DROP FOR EQUIPMENT *43 SHALL BE INSTALLED WITH ENOUGH LENGTH TO MOVE EQUIPMENT AS NEEDED TO SERVE *48, *50, *52.
- WALL OPENING FOR TEMPORARY WIRING FROM PORTABLE STANDBY POWER GENERATOR TO MAIN DISTRIBUTION PANEL. NORMALLY COVERED.

65575 A. Gibbs **DESIGN BY** DRAWN BY G. Anderson **DESIGN DATE** May 2, 2014 REVISIONS $0 \ 06/18/14 \ SD CHECK$ 1 \ 07/16/14 50% DD SET 2\08/08/14 100% DD SET **√3\09/08/14 DD UPDATE**

/4\11/07/14 GMP CONFORMED

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ELECTRICAL POWER PLAN

- 1. INSTALL 34" EMT, BUSHED & STUBBED INTO CEILING SPACE (TYP) FOR TELECOM CABLE(S), AND INSTALL 1-GANG MUDRING AT OUTLET LOCATIONS SHOWN. OWNER TO CLARIFY REQUIREMENTS AND PROVIDE V/D CABLING, FACEPLATE TRIMS, & EQUIPMENT.
- 2. VERIFY CONTROLS ROUGH-IN WIMECH CONTRACTOR: PROVIDE MUDRING AND 1/2" CONDUIT CHASE TO ACCESSIBLE SPACE FOR THERMOSTATS OR SENSORS. MECHANICAL CONTROLS & CABLING BY OTHERS. DO NOT ROUGH-IN PER THIS PLAN COORDINATE AS REQ'D, VERIFY LOCATIONS.
- 3. CONFIRM REQM'TS & COORDINATE WITH CONTRACTOR FOR ROUGH-IN AS REQ'D AT DOORS OR ELSEWHERE FOR CCTV, ACCESS CONTROL, & SECURITY DEVICES. DO NOT ROUGH-IN PER THIS PLAN SOME DEVICES SHOWN FOR REFERENCE ONLY.
- 4. CONFIRM REQM'TS & COORDINATE WITH CONTRACTOR FOR ROUGH-IN AS REQ'D FOR FIRE ALARM SYSTEM. DO NOT ROUGH-IN PER THIS PLAN SOME DEVICES SHOWN FOR
- 5. COORDINATE WITH MECHANICAL & OTHER TRADES FOR INSTALLATION OF WAP IN OPEN CEILING AREAS. PROVIDE LINE OF SIGHT FROM FLOOR TO WAP EQUIPMENT, DO NOT LOCATE ABOVE OR BEHIND DUCTS, ETC.

SIGNAL PLAN

SCALE: 1/8"=1'-0"

KEYED NOTES:

- igg(1igg) owner to provide ladder 4 telecom rack and wire management in telecom closet.
- 2 LOCATOIN FOR OWNER-PROVIDED STAND-UP WORKSTATION FOR RECIPES AND LABELS, WITH WALL PHONE.

PROJECT NUMBER CHECK BY

65575 A. Gibbs

DESIGN BY DRAWN BY

A. Gibbs

G. Anderson

DESIGN DATE

May 2, 2014

REVISIONS

0 06/18/14 SD CHECK

1 07/16/14 50% DD SET

2 08/08/14 100% DD SET

3 09/08/14 DD UPDATE

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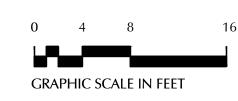
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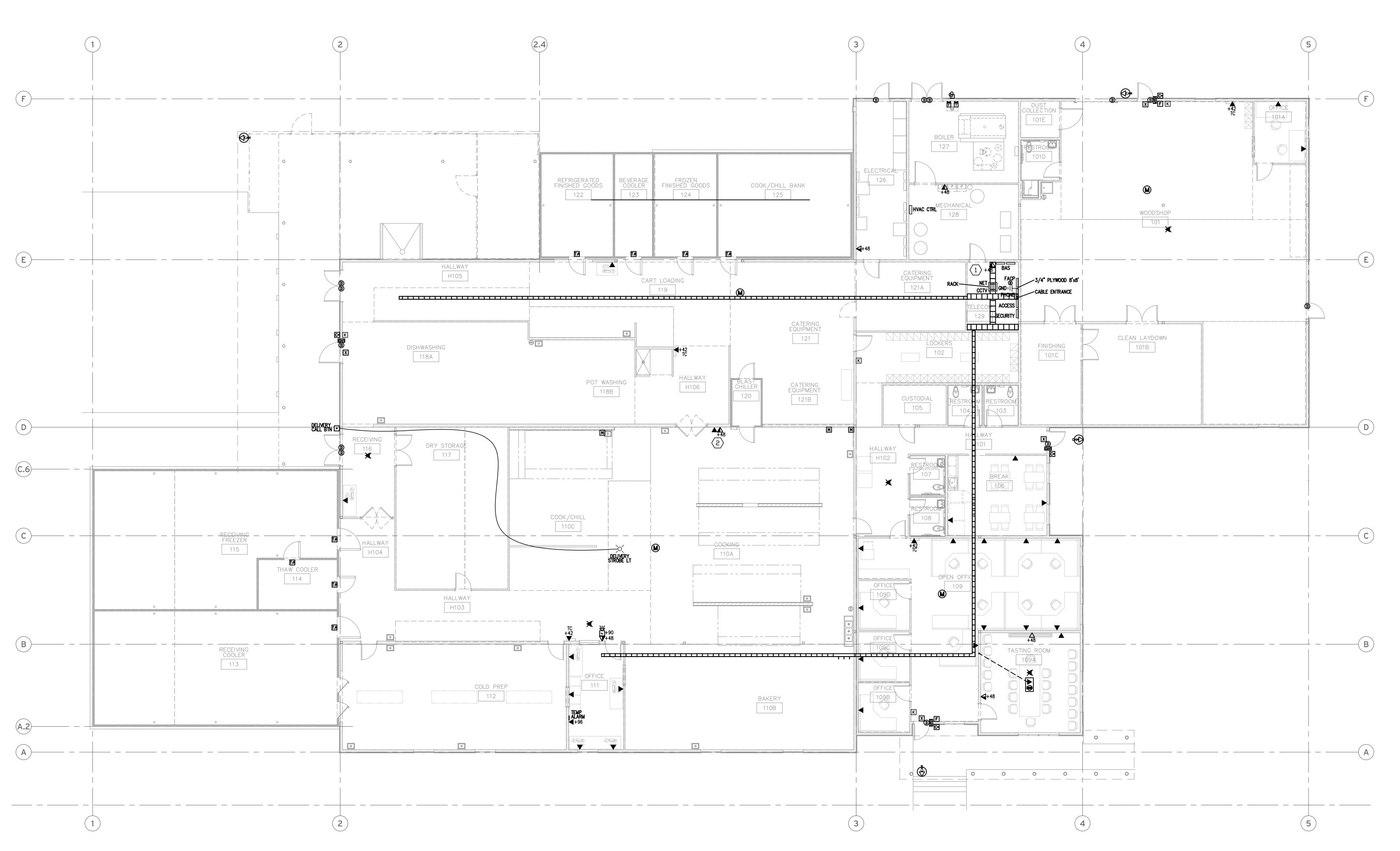
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LOW VOLTAGE
ELECTRICAL
PLAN

SHEET NUMBE



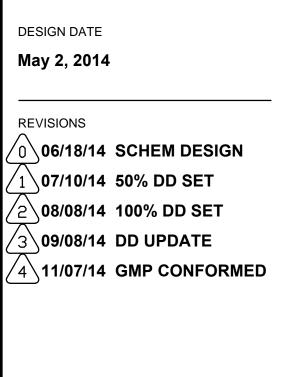


- 1. SEE FLOOR PLANS FOR LOCATIONS OF EQUIPMENT.
- 2. SERVICE & DISTRIBUTION EQUIPMENT SHALL BE FULLY RATED FOR AVAILABLE FAULT CURRENT. VERIFY WITH EWEB THAT AFC DOES NOT EXCEED 30,000 AMPS RMS AT POINT OF CONNECTION.
- 3. PROVIDE CAT 60 LOCKS ON POWER PANEL DOORS.
- 4. PROVIDE LIGHTING CONTROL PANEL FOR BOTH EXTERIOR & INTERIOR LIGHTING CIRCUITS. CONTROL WILL BE ARRANGED BY TIME SCHEDULE & ASTRONOMIC TIME OR PHOTO CELL WITH MANUAL OVERRIDES.
- 5. COORDINATE MAJOR MECHANICAL EQUIPMENT REQUIREMENTS & VERIFY RATINGS WITH CONTRACTOR PRIOR TO ROUGH-IN AND PURCHASING SERVICE GEAR
- 6. PROVIDE SHORT-CIRCUIT AND PROTECTIVE DEVICE COORDINATION STUDY. UPON COMPLETION, PERFORM ARC FLASH HAZARD ANALYSIS TO IDENTIFY THE SHOCK HAZARD AND SUITABLE PPE REQUIRED AT ALL PANELS. PROVIDE REQUIRED LABELS. OFM DOCUMENTS SHALL INCLUDE COPY OF PTW-FORMAT FILES FOR SKM SOFTWARE.

ONE-LINE RISER DIAGRAM

KEYED NOTES:

- $\langle\;1\;
 angle$ install transformer vault & ducting per eweb regmints. See site plan.
- UNDERGROUND SERVICE LATERAL. PROVIDE CONDUCTOR LENGTH PER EWEB (EST 201) INSIDE VAULT FOR UTILITY SECONDARY CONDUCTOR CONNECTIONS. LATERAL CONSISTS OF (6) SETS OF 3" SCHED-40 PYC C. WITH (3) 400 KCMIL AL PHASE & (1) 250 KCMIL AL NEUTRAL EACH SET. APPLY DUCT SEAL TO ALL CONDUITS PER NEC 230.8.
- 3 PROVIDE I" METALLIC RACEWAY NO LONGER THAN 40', NO JUNCTIONS OR CONDUIT BODIES FROM METERING SECTION OF SERVICE EQUIPMENT TO EXTERIOR METER BASE, CIRCLE-AW 121413 (OR EQ.) AT 61±6" . EWEB TO PROVIDE CT'S FOR CONTRACTOR TO INSTALL, MARKED SIDE TOWARD LINE. EWEB TO PROVIDE & INSTALL METER. REF EWEB POLICIES AND PROCEDURES MANUAL.
- 4 PROVIDE FACTORY-INSTALLED, OWNER-APPROVED SURGE PROTECTIVE DEVICE.
- FEEDERS SIZED 100 AMPS OR LARGER MAY USE ALUMINUM CONDUCTORS U.O.N. WIRE SIZE 300 KCM AL MAY NOT BE AVAILABLE, SO USE 350 KCM. USE COMPRESSION LUGS AT ALL TRANSFORMER TERMINATIONS.
- (6) INSTALL PLAQUES PER N.E.C. ARTICLE 102.7.
- EXAMPLE OF OPTIONAL STANDBY POWER SOURCE IS 500 KW DIESEL ENGINE-DRIVEN, TRAILER-MOUNTED GENERATOR PROVIDED WITH WELDING LEADS FOR 4-WIRE + GROUND HOOK-UP.
- PROVIDE INTERLOCK AT MAIN BREAKER USING KIRK KEYS CONFIGURED SO THAT ONLY THE UTILITY FEED OR THE GENERATOR FEED CAN BE TURNED ON AT A TIME, THAT IS, THE BREAKERS CANNOT BE TURNED ON WITHOUT THE KEY, AND THE KEY SHALL BE CAPTIVE IN THE BREAKER ONCE IT IS TURNED ON.
- 9 OPTIONAL QUICK-CONNECT ASSEMBLY FOR STANDBY GENERATOR LEADS.



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A. Gibbs

DRAWN BY

PROJECT NUMBER

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DESIGN BY

G. Anderson



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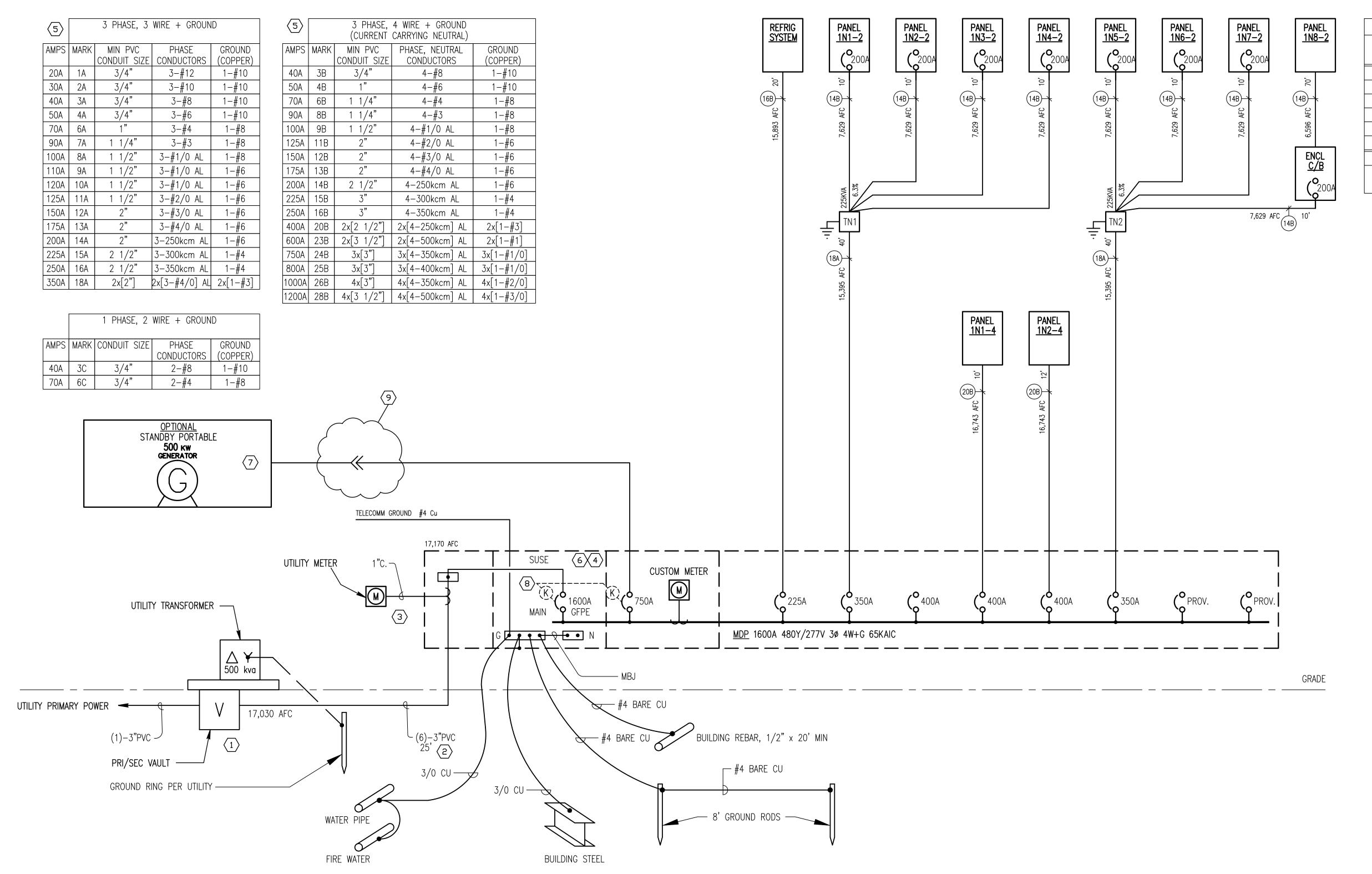
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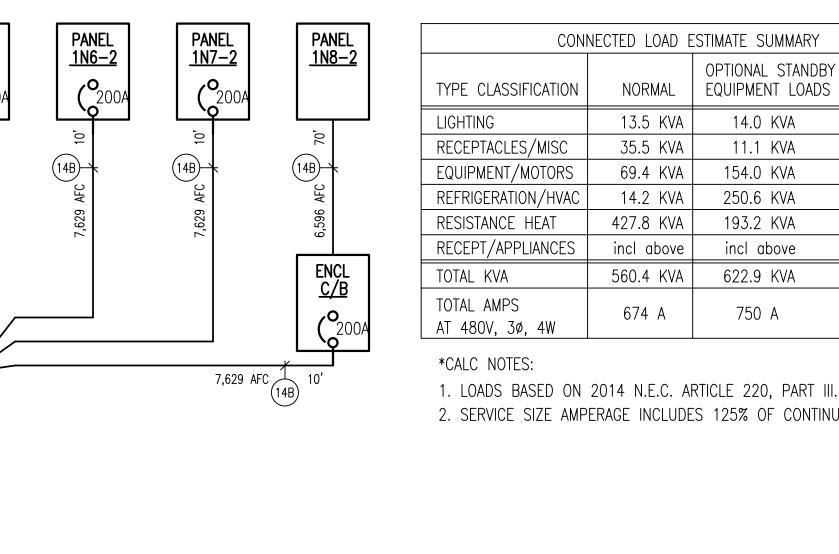
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ELECTRICAL ONE-LINE **RISER DIAGRAM**

SHEET NUMBER

E5





				_
CEPT/APPLIANCES	incl above	incl above	incl above	
TAL KVA	560.4 KVA	622.9 KVA	1,183.3 KVA	
TAL AMPS 480V, 3ø, 4W	674 A	750 A	1,424 A	

1. LOADS BASED ON 2014 N.E.C. ARTICLE 220, PART III. DEMAND FACTORS ALLOWED. 2. SERVICE SIZE AMPERAGE INCLUDES 125% OF CONTINUOUS LOADS.

CODE CALC*

FOR SERVICE

& FEEDERS

46.6 KVA || incl w/appl

264.8 KVA ∥incl w/motor

62.2 KVA

410.8 KVA

73.6 KVA

952.1 KVA

1,146 A

27.5 KVA

223.4 KVA

621.0 KVA

- 1. WIRING METHOD IS EMT FOR HOME RUNS TO PANELS
- 2. BRANCH HOME RUN CONDUCTORS TO BE OVERSIZED AS REQUIRED TO LIMIT VOLTAGE DROP FROM PANEL TO NO MORE THAN 3%. PROPOSED WIRE SIZES ARE SHOWN, BUT VERIFY EQUIPMENT NAMEPLATE LOADS PRIOR TO PULLING WIRE..
- 3. COORDINATE WITH MECHANICAL & GENERAL CONTRACTORS FOR ROOF PENETRATIONS. USE ACCESS WITHIN EQUIPMENT CURBS WHERE POSSIBLE. RUN CONDUIT IN A MANNER TO REASONABLY MINIMIZE VISIBILITY FROM STREET.

ROOF POWER PLAN

KEYED NOTES:

- $\langle 1 \rangle$ INSTALL PHOTOCELL FOR EXTERIOR LIGHTS CONTROL, PLACE BEHIND MECHANICAL EQUIPMENT SCREEN.
- 2 EQUIPMENT #10 (REFR) PROVIDES BRANCH CIRCUITS FOR EVAPORATOR FANS AND DEFROST HEATERS IN WALK-INS ON GRADE LEVEL. SEE REFRIGERATION VENDOR DOCUMENTS AND SHEET E3 FOR CIRCUITS AND APPROXIMATE LOCATIONS.
- (3) COMMON HOOD EXHAUST SYSTEM RUNS TWO FANS IN PARALLEL FROM ONE VF DRIVE. INSTALL SEPARATE RUNNING OVERLOAD PROTECTION FOR EACH MOTOR.

PROJECT NUMBER CHECK BY

65575 A. Gibbs

DESIGN BY DRAWN BY

G. Anderson A. Gibbs

DESIGN DATE
May 2, 2014

REVISIONS

0 06/18/14 SD CHECK

1 07/16/14 50% DD SET 2 08/08/14 100% DD SET 3 09/08/14 DD UPDATE

4\11/07/14 GMP CONFORMED



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Robertson Sherv Architects pc

CHECK SET

THIS DRAWING IS
PRELIMINARY
AND
INCOMPLETE

Central Kitchen and Woodshop, Univ of Oregon Housing Dept.

1793 Columbia St. Eugene, OR 97403

SHEET TITLE

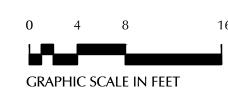
ELECTRICAL

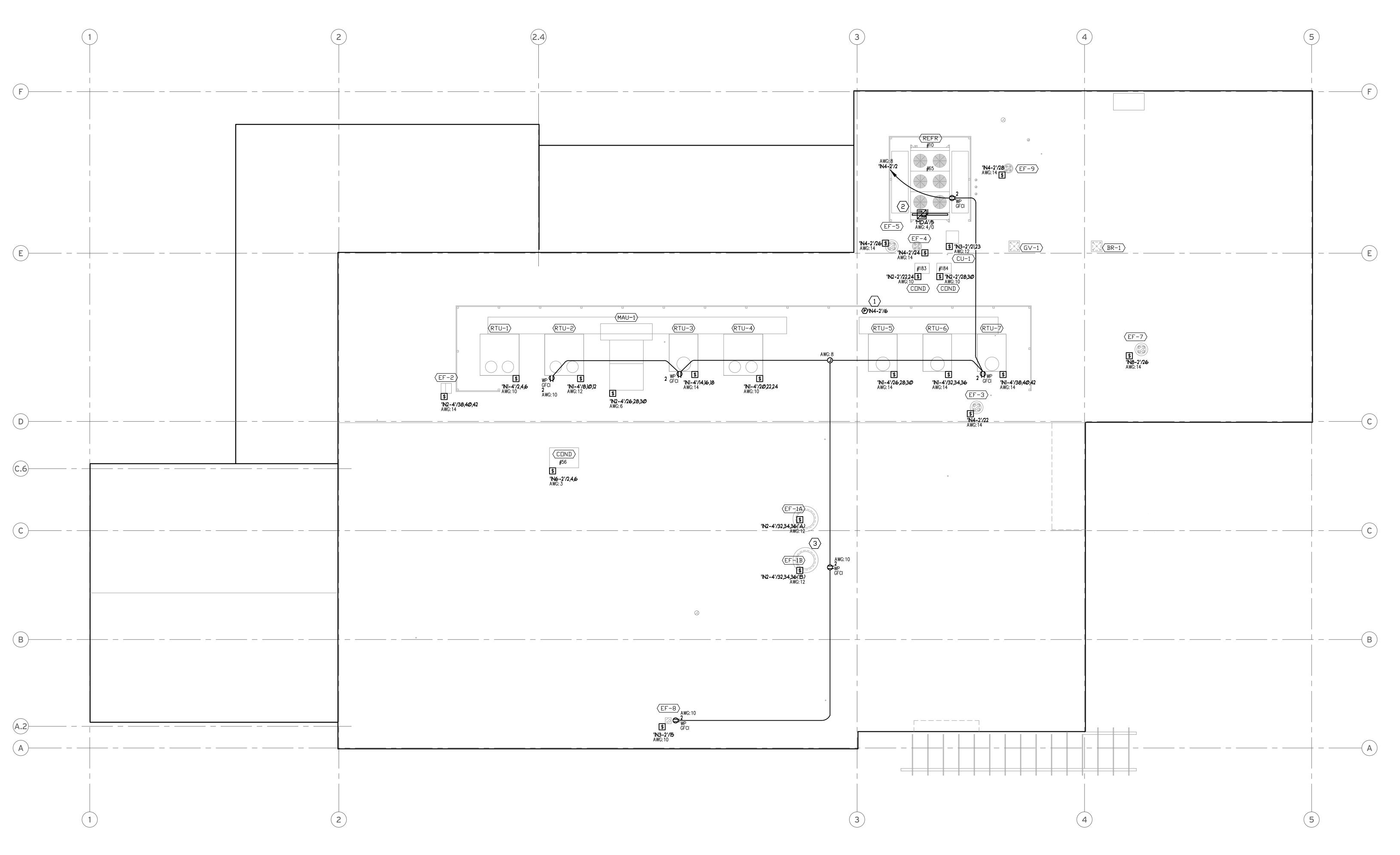
POWER DETAILS

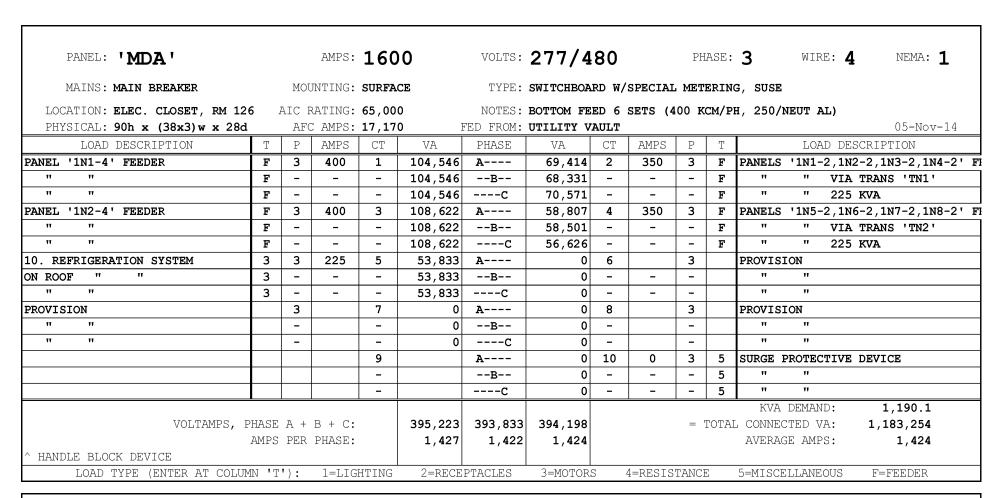
OF ROOF PLAN

SHEET NUMBER

E6







PANEL: '1N1-4'							_ , , , _							WIRE: 4	_
MAINS: MAIN LUGS ONLY		JOM	UNTING:	SURFAC	CE	TYPE:	PANELBOAR	.D							
LOCATION: ELEC. CLOSET, RM 12	6 .	AIC F	RATING:	22,000)	NOTES:	TOP FEED								
PHYSICAL: 44h x 20w x 6d		AFC	C AMPS:	16,743	3 E	FED FROM:	'MDA'								05-Nov-14
LOAD DESCRIPTION	Т	P	AMPS	CT	VA	PHASE	VA	CT	AMPS	P	Т			LOAD DESCRIPT	ION
9. PICARD REVOLVING TRAY OVEN	4	3	80	01	18,013	A	3,314	02	20	3	3	HT	PUMP,	COOK CHILL + 1	REC'V
32 pan " "	4	-	-	03	18,013	B	3,314	04	-	-	3		11	" RTU-1	
н н	4	-	ı	05	18,013	C	3,314	06	-	-	3		11	**	
71. REVENT ROTATING RACK OVEN	4	3+	60	07	13,000	A	4,483	80	30	3	3	ΗT	PUMP,	WASH, STORAGE	AREAS
l rack " "	4	-	-	09	13,000	B	4,483	10	-	-	3		**	" RTU-2	
11 11	4	-	-	11	13,000	C	4,483	12	-	-	3		**	11	
(Shunt Trip)	5	ST	-	13	0	A	2,295	14	15	3	3	HT	PUMP,	BAKERY AREA	
LO2. COMBI-OVEN	4	3+	100	15	21,087	B	2,295	16	-	-	3		**	" RTU-3	
11 11	4	-	-	17	21,087	C	2,295	18	-	-	3		**	***	
11 11	4	-	-	19	21,087	A	4,483	20	30	3	3	ΗT	PUMP,	CENTRAL COOK	AREA
(Shunt Trip)	5	ST	-	21	0	B	4,483	22	-	-	3		17	" RTU-4	
LO3. COMBI-OVEN	4	3+	100	23	21,087	C	4,483	24	-	-	3		**	***	
11 11	4	-	-	25	21,087	A	1,700	26	15	3	3	ΗT	PUMP,	OFFICE AREA	
11 11	4	-	-	27	21,087	B	1,700	28	-	-	3		17	" RTU-5	
(Shunt Trip)	5	ST	-	29	0	C	1,700	30	-	-	3		**	TT	
LO5. COMBI-OVEN / STEAMER	4	3+	60	31	12,067	A	1,509	32	15	3	3	ΗT	PUMP,	TASTING ROOM	
LO-18ESI " "	4	-	-	33	12,067	B	1,509	34	-	-	3		**	" RTU-6	
11 11	4	-	_	35	12,067	C	1,509	36	-	-	3		**	TT	
(Shunt Trip)	5	ST	-	37	0	A	1,509	38	15	3	3	нт	PUMP,	LOCKER / BREA	K AREA
				39	0	B	1,509	40	-	-	3		**	" RTU-7	
				41	0	C	1,509	42	-	-	3		**	IT	
		3	20	43	0	A	0	44	30	3					
		-	-	45	0	B	0	46	-	-					
		-	ı	47	0	C	0	48	-	-					
		3	20	49	0	A	0	50	30	3					
		-	-	51	0	B	0	52	-	-					
		-	-	53	0	C	0	54	-	-					
VOLTAMPS, E	AMPS		B + C: PHASE:		104,546 378	104,546 378	104,546 378			= [OTA	- CC	NNECT		313.6 .3,638 378

MAINS: MAIN LUGS ONLY		JOM	NTING:	SURFA	CE	TYPE:	PANELBOAR	D				
LOCATION: ELEC. CLOSET, RM 12	26	AIC F	RATING:	22,000)	NOTES:	TOP FEED					
PHYSICAL: 44h x 20w x 6d		AFC	AMPS:	16,743	3	FED FROM:	'MDA'					05-Nov-14
LOAD DESCRIPTION	Т	P	AMPS	CT	VA	PHASE	VA	CT	AMPS	Р	Т	LOAD DESCRIPTION
LIGHTING, EXTERIOR	1	1	20	01	1,750	A	3,215	02	20	3	4	158. POT WASH SINK ASSY
LIGHTING, KITCHEN	1	1	20	03	1,750	B	3,215	04	_	-	4	" " 2 hp
LIGHTING, KITCHEN	1	1	20	05	1,750	C	3,215	06	-	-	4	" " 7 kw HTR
LIGHTING, KITCHEN	1	1	20	07	1,750	A	21,936	08	100	3	4	161. EUCCW8 DISHWASHER
LIGHTING, KITCHEN	1	1	20	09	1,750	B	21,936	10	_	-	4	" " 7.7 hp
LIGHTING, KITCHEN	1	1	20	11	1,750	C	21,936	12	_	-	4	" " 55 kw HTR
LIGHTING, KITCHEN	1	1	20	13	1,750	A	10,667	14	50	3	4	162. ELECTRIC BOOSTER HEATER
LIGHTING, KITCHEN	1	1	20	15	1,750	B	10,667	16	_	-	4	" " 32 kw
LIGHTING, KITCHEN	1	1	20	17	1,750	C	10,667	18	_	-	4	11 11
		1	20	19	0	A	3,001	20	20	3	3	167. TROUGH VEYOR DISPOSAL
		1	20	21	0	B	3,001	22	_	-	3	" " 8.42 hp
		1	20	23	0	C	3,001	24	-	-	3	11 11
54. KETTLE CONTROL PANEL	3	3	30	25	6,651	A	11,606	26	60	3	3	MAKEUP AIR KITCHEN HOODS
11 11	3	-	-	27	6,651	B	11,606	28	-	-	3	" " MAU-1
11 11	3	-	-	29	6,651	- - -	11,606	30	_	-	3	" " 25 hp
DUST COLLECTOR CDC-1	3	3	20	31	3,048	A	5,843	32	40	3	3	KITCH HOOD EXHAUST FANS
7.5hp ""	3	-	-	33	3,048	B	5,843	34	_	-	3	" " EF-1A, -1B
11 11	3	_	-	35	3,048	C	5,843	36	-	-	3	" " 2x 7.5 hp VFD
		1	20	37	0	A	372	38	15	3	3	DISHWASHER EXHAUST FAN
97. COMBI-OVEN / STEAMER	4	3+	60	39	12,067	B	372	40	-	-	3	" " EF-2
10-18ESI " "	4	-	-	41	12,067	C	372	42	-	-	3	" " 3/4 hp VFD
π π	4	-	-	43	12,067	A	3,880	44	30	3	3	CARDBOARD BALER
(Shunt Trip)	5	ST	-	45		B	3,880	46	-	-	3	" " 10hp
104. COMBI-OVEN	4	3+	100	47	21,087	C	3,880	48	_	-	3	11 11
11 11	4	-	-	49	21,087	A	0	50	30	3		
11 11	4	_	-	51	21,087	B	0	52	-	-		
(Shunt Trip)	5	ST	-	53	0	C	0	54	_	_		
VOLTAMPS,	PHASE	A +	B + C:		108,622	108,622	108,622			= [rota:	KVA DEMAND: 329.8 CONNECTED VA: 325,867

1. SEE FLOOR PLANS FOR LOCATIONS OF EQUIPMENT.

KEYED NOTES:

 $\boxed{1}$ NOT USED

PANEL: '1N1-2' MAINS: MAIN BREAKER				200 SURFAC			120/2			PH	ASE:	3 WIRE: 4 NEMA: 1
LOCATION: ELEC. CLOSET, RM 12 Physical: 44h x 20w x 6d	6		RATING: C AMPS:	10,000 7,629		NOTES: ED FROM:	BOTTOM FE	ED VI	A TRANS	'TN	1'	05-Nov-14
LOAD DESCRIPTION 175. COFFEE MAKER #1	T 4	P 3	AMPS 40	01		PHASE A	VA 0		AMPS 20	P 1	T	LOAD DESCRIPTION
RU-1000 " " 10-GAL " " may be 208v 1 175. COFFEE MAKER #2	4 4	- - 3	- - 40	03 05 07	· ·	B C A	1,127 1,200 1,200	04 06 08	20 20 20	1 1 1	3	178. COFFEE GRINDER 179. 4-FLAVOR JUICE DISPENSE #1 179. 4-FLAVOR JUICE DISPENSE #2
RU-1000 " " 10-GAL " " may be 208v 1	4	-	<u>-</u>	09	3,556	B	3,224 3,224	10 12	40	2+	4	96. LOW TEMP SMOKER OVEN
176. COFFEE MAKER #3 RU-300 """ 3-GAL "" may be 208v 1r	4	3	30 -	13 15 17	2,540	B	504	14 16 18	- 15	3+	5 3 3	(Shunt Trip) 119. STATIONERY STEAM KETTLE " " 40 gal
3-GAL " " may be 208v 1p	4	3 -	- 30 -	17	2,540	C A	504 504	20	- -	- - ST	3 5	" " 40 gal " " (Shunt Trip)
		-	- 30	23	0	C A	81	24	20	1+	5	135. FRYER CONTROLS (Shunt Trip)
		-	-	27	0	B	756 0	28 30	20	1+ ST	4 5	136. FRYER DUMP STATION / WARMER (Shunt Trip)
		- -	30 - -	31 33 35	0	A B	360 360 360	32 34 36	20 20 20	1 1 1	2 2	73. TABLE OUTLETS 107. TABLE OUTLETS 108. TABLE OUTLETS
		1	20	37 39	0	A	180 180	38	20	1 1	2	COOK / CHILL TABLE OUTLET COOK / CHILL TABLE OUTLET
		1	20 20	41 43	0	C A	180 0	42 44	20 20	1	2	COOK / CHILL TABLE OUTLET
		1 1 1	20 20 20	45 47 49	0 0	B C A	0	46 48 50	20 20 20	1 1 1		
		1	20 20	51 53	0	B	0	52 54	20	1		
VOLTAMPS, I			B + C: PHASE:		11,898 100	15,805 132	15,202 127			= ?	[ATO]	KVA DEMAND: 42.9 CONNECTED VA: 42,905 AVERAGE AMPS: 120
HANDLE BLOCK DEVICE * HACR T	YPE						3=MOTORS		4=RESIS	TANCE	E	AVERAGE AMPS: 120 5=MISCELLANEOUS F=FEEDER
PANEL: '1N2-2' MAINS: MAIN BREAKER							120/2 PANELBOAR			PH	IASE :	3 WIRE: 4 NEMA: 1
LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h x 20w x 6d		AIC F	RATING:		ı		BOTTOM FE		A TRAN	s 'TN	1'	05-Nov-14
PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION 68. PROOF HOT CABINET #1	T 4	AFC	AMPS: AMPS 20	7,629 CT	VA 1,920	PHASE	VA 1,564	CT 02	AMPS 20	P 1	T 3	LOAD DESCRIPTION 195. PRESSURE WASHER 2 hp
68. PROOF HOT CABINET #1 68. PROOF HOT CABINET #2 68. HEATED HOLDING CART	4 4	1 1	20	03	1,920 1,920 1,920	B	180	04 06	20	1 1	2	81. TABLE WITH SINK 80. PRE-MIX TABLE
48. HEATED HOLDING CART 48. HEATED HOLDING CART	4	1	20 20	07 09	1,920 1,920	B	360 748	08 10	20	1	3	66. TABLE OUTLETS 67. DOUGH ROUNDER
9. PICARD REVOLVING TRAY OVEN ONTROL " " 1. REVENT ROTATING OVEN CTRL	3 3	2 - 1+	20 - 20	11 13 15	1,144 1,144 500	C A	3,328 3,328 1,920	12 14 16	50 - 20	2 -	3 3 4	57. COMPRESSED AIR SYS AC-1 " " 7.5 hp? 148. HEATED HOLDING CART
(Shunt Trip) 8. JET AIR BAKING OVEN	5	1+ ST 2+	20 - 25	15 17 19	0 1,872	B C A	1,920 1,920 127	16 18 20	20 20 15*	1 1 1	4 4 3	148. HEATED HOLDING CART 148. HEATED HOLDING CART 183. ICE CUBE MACHINE
AS HEAT " " (Shunt Trip)	3 5	- ST	-	21 23	1,872	B	1,508 1,508	22 2 4	25*	2 -	3	183. REMOTE CONDENSER
8. ROLL-IN REFRIGERATOR 0. ROLL-IN REFRIGERATOR	3	1 1	20	25	1,357 1,357	A	127 1,508	26 28	15* 25*	2	3	184. ICE CUBE MACHINE 184. REMOTE CONDENSER
79. HOBART HL300 MIXER 3/4 hp 17. HOBART LEGACY MIXER 11600 " "	3 3	3 -	30 20 -	29 31 33	1,587 949 949	C A	1,508 2,005 2,005	30 32 34	30	3 -	3 3	37. VERTICAL CUTTER MIXER " " 5 hp
hp " " 4. HOBART LEGACY MIXER	3	- 3	- 15	35 37	9 4 9 709	C A	2,005 1,920	36 38	20	1	3	" " 148. HEATED HOLDING CART
1600 " "	3	-	-	39 41	709 709	B	1,920		20	1	4	148. HEATED HOLDING CART 148. HEATED HOLDING CART
	1	1 1	20 20 20	43 45 47	0	A B	0 0	46	20 20 20	1 1 1		
		1 1	1 20	1 4 / 1	01		· ·					
		1 1 1	20	49	0	A	0	50	20	1		
VAL TAMDO		1 1 1	20 20 20	49 51 53	0 0	A B C	0	50 52 54		1	moma	KVA DEMAND: 57.2
VOLTAMPS, I	AMPS	1 1 1	20 20 20	49 51 53	0	A B C	18,858	50 52 54	20	1	TOTA	KVA DEMAND: 57.2 L CONNECTED VA: 57,174 AVERAGE AMPS: 159
VOLTAMPS, I HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLU	AMPS TYPE	1 1 1 2 A +	20 20 20 B + C: PHASE:	49 51 53	0 0 0 19,301 161	A B C 19,015 159	18,858	50 52 54	20	1 1 =		L CONNECTED VA: 57,174
HANDLE BLOCK DEVICE * HACR T	AMPS TYPE MN 'I	1 1 1 1 1 1 S PER	20 20 20 B + C: PHASE:	49 51 53 GHTING	0 0 0 19,301 161 2=RECE	ABC 19,015 159 PTACLES	0 0 18,858 158 3=MOTOR	50 52 54	20 20 20	1 1 = '	E	L CONNECTED VA: 57,174 AVERAGE AMPS: 159
HANDLE BLOCK DEVICE * HACR TO LOAD TYPE (ENTER AT COLUMN PANEL: '1N3-2' MAINS: MAIN BREAKER	AMPS	1 1 1 1 3 A + S PER	20 20 20 B + C: PHASE: 1=LIG	49 51 53 SHTING	0 0 0 19,301 161 2=RECE	ABC 19,015 159 PTACLES VOLTS:	18,858 158 3=MOTOR	50 52 54 S	20 20 20	1 1 = 'STANCI	E ASE:	L CONNECTED VA: 57,174 AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER
HANDLE BLOCK DEVICE * HACR TO LOAD TYPE (ENTER AT COLUMN PANEL: '1N3-2'	AMPS	1 1 1 1 1 S A + S PER S''):	20 20 20 B + C: PHASE: 1=LIG	49 51 53 SHTING 200 SURFAC 10,000	0 0 0 19,301 161 2=RECE	ABC 19,015 159 PTACLES VOLTS:	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE	50 52 54 S	20 20 20	1 1 = 'STANCI	E ASE:	L CONNECTED VA: 57,174 AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER
PANEL: '1N3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 203. AIR CURTAINS " " 1/6 hp each	AMPS FYPE MN '1	1 1 1 1 1 S A + S PER S'): MOU AIC R AFC P 2 -	20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS: AMPS 15	49 51 53 CHTING 200 SURFAC 10,000 7,629 CT 01 03	0 0 0 19,301 161 2=RECE	AB 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE AB	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE'MDA' VA 2,500 3,000	50 52 54 S O8 D ED VI CT 02 04	20 20 4=RESIS A TRANS AMPS 25 30	1	E ASE:	AVERAGE AMPS: 57,174 AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 1 05-Nov-14 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2
PANEL: '1N3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 103. AIR CURTAINS " " 1/6 hp each 13. EXHAUST HOOD-1 CTRL + LTG	AMPS TYPE MN '1 6 T 3 3 5 5	1 1 1 1 1	20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS: AMPS 15 - 15 15	49 51 53 SHTING 200 SURFAC 10,000 7,629 CT 01 03 05 07	0 0 0 19,301 161 2=RECE VA 749 749 665 720	A B 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE A B A	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE'MDA' VA 2,500 3,000 1,127 696	50 52 54 S O 8 D ED VI 02 04 06 08	20 20 4=RESIS A TRANS AMPS 25 30 20 15	1	T 4 4 3 3 3	AVERAGE AMPS: 57,174 AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER WIRE: 4 NEMA: 1 O5-Nov-14 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-2
PANEL: '1N3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION 03. AIR CURTAINS " " 1/6 hp each 3. EXHAUST HOOD-1 CTRL + LTG 00. EXHAUST HOOD-2 CTRL + LTG 12. EXHAUST HOOD-3 CTRL + LTG	AMPS FYPE MN '1 6 T 3 3 5	1 1 1 1 1 S A + S PER S S S S S S S S S S S S S S S S S S S	20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS: AMPS 15 - 15	49 51 53 SHTING 200 SURFAC 10,000 7,629 CT 01 03 05	0 0 0 19,301 161 2=RECE VA 749 749 665	AB 19,015 159 PTACLES VOLTS: TYPE: NOTES: ED FROM: PHASE AB	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE'MDA' VA 2,500 3,000 1,127	50 52 54 S O8 D ED VI CT 02 04 06	20 20 4=RESIS A TRANS AMPS 25 30 20	1	T 4 4 3 3 5 5	AVERAGE AMPS: 57,174 AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER WIRE: 4 NEMA: 1 O5-Nov-14 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1
PANEL: 'IN3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 103. AIR CURTAINS " " 1/6 hp each 13. EXHAUST HOOD-1 CTRL + LTG 12. EXHAUST HOOD-2 CTRL + LTG 12. EXHAUST HOOD-3 CTRL + LTG 12. EXHAUST HOOD-4 CTRL + LTG 15. EXHAUST HOOD-5 CTRL + LTG 16. EXHAUST HOOD-5 CTRL + LTG 17. EXHAUST HOOD-5 CTRL + LTG 18. EXHAUST HOOD-5 CTRL + LTG 19. EXHAUST HOOD-5 CTRL + LTG	AMPS FYPE MN '1 6 T 3 3 5 5 5 5 5 5 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS 15 - 15 15 15 15 15 15	49 51 53 SHTING 200 SURFAC 10,000 7,629 CT 01 03 05 07 09 11 13 15 17	0 0 0 19,301 161 2=RECE VA 749 749 665 720 720 720 665 667 350	AB 19,015 159 PTACLES VOLTS: TYPE: NOTES: ED FROM: PHASE AB C ABB	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE'MDA' VA 2,500 3,000 1,127 696 500 500 500 828 828	50 52 54 S O 8 D ED VI 02 04 06 08 10 12 14 16 18	20 20 20 4=RESIS A TRANS 25 30 20 15 15 15 15 15	1	T 4 4 3 3 5 5 5 5 3 3 3	AVERAGE AMPS: 57,174 AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 1 O5-Nov-14 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-2 DESUPERHEATER CTRL DWPH-1 DESUPERHEATER CTRL DWPH-1 DESUPERHEATER CTRL DWPH-2 STEAM BOILER CONTROLS SB-1 STEAM CONDENSATE PUMP CP-1 STEAM CONDENSATE PUMP CP-2
PANEL: '1N3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 103. AIR CURTAINS " " 1/6 hp each 3. EXHAUST HOOD-1 CTRL + LTG 100. EXHAUST HOOD-2 CTRL + LTG 12. EXHAUST HOOD-3 CTRL + LTG 12. EXHAUST HOOD-4 CTRL + LTG 15. EXHAUST HOOD-5 CTRL + LTG 17. EXHAUST HOOD-5 CTRL + LTG 18. EXHAUST HOOD-5 CTRL + LTG 19. EXHAUST HOOD-5 CTRL + LTG 19. EXHAUST HOOD-5 CTRL + LTG 19. EXHAUST WENTILATOR CNTRL 19. EXHAUST VENTILATOR CNTRL 19. EXHAUST SYSTEM	AMPS FYPE MN 'T 6 T 3 5 5 5 5 5 3 5 3	1 1 1 1 1 1 1 1 1 1 2	20 20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS: AMPS: 15 - 15 15 15 15 15 20 20^ 20	49 51 53 SHTING 200 SURFAC 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21	0 0 0 19,301 161 2=RECE VA 749 749 665 720 720 720 665 667 350 1,000 1,423	AB 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE ABC ABC ABC ABC ABC ABC ABC ABC ABC	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE. 'MDA' VA 2,500 3,000 1,127 696 500 500 500 828 828 3,800 3,800	50 52 54 S O 8 D ED VI 02 04 06 08 10 12 14 16 18 20 22	20 20 20 4=RESIS A TRANS 25 30 20 15 15 15 15 40 -	1	T 4 4 3 3 5 5 5 3 3 4 4 4	AVERAGE AMPS: 57,174 AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 1 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-1 DESUPERHEATER CTRL DWPH-1 DESUPERHEATER CTRL DWPH-2 STEAM BOILER CONTROLS SB-1 STEAM CONDENSATE PUMP CP-1
PANEL: '1N3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 203. AIR CURTAINS " " 1/6 hp each 23. EXHAUST HOOD-1 CTRL + LTG 24. EXHAUST HOOD-2 CTRL + LTG 24. EXHAUST HOOD-3 CTRL + LTG 25. EXHAUST HOOD-5 CTRL + LTG PUCARD OVEN EXH FAN EF-8 27. EXHAUST VENTILATOR CNTRL VAC CONTROLS ELECOM SPLIT SYSTEM " " AC / CU-1 22. 250 POUND SCALE	AMPS FYPE MN '1 6 T 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS: 15 - 15 15 15 15 15 15 20 20^	49 51 53 SHTING 200 SURFAC 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19	0 0 0 19,301 161 2=RECE VA 749 749 665 720 720 720 665 667 350 1,000	AB 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE ABC ABC ABC ABC ABC A	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE'MDA' VA 2,500 3,000 1,127 696 500 500 500 500 828 828 3,800	50 52 54 S S O 8 D CT 02 04 06 08 10 12 14 16 18 20 22 24 26	20 20 20 4=RESIS A TRANS AMPS 25 30 20 15 15 15 15 15 15	PH. STANCE PH. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 4 4 3 3 5 5 5 3 3 4 4	AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 1 O5-Nov-14 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-2 DESUPERHEATER CTRL DWPH-1 DESUPERHEATER CTRL DWPH-2 STEAM BOILER CONTROLS SB-1 STEAM CONDENSATE PUMP CP-1 STEAM CONDENSATE PUMP CP-2 116. TILTING BRAZING PAN " " 40 gal
PANEL: 'IN3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 203. AIR CURTAINS " " 1/6 hp each 33. EXHAUST HOOD-1 CTRL + LTG 100. EXHAUST HOOD-2 CTRL + LTG 12. EXHAUST HOOD-3 CTRL + LTG 12. EXHAUST HOOD-5 CTRL + LTG 15. EXHAUST HOOD-5 CTRL + LTG 16. EXHAUST HOOD-5 CTRL + LTG 17. EXHAUST VENTILATOR CNTRL 18. EXHAUST VENTILATOR CNTRL 18. EXHAUST SYSTEM " " AC / CU-1 19. 2. 250 POUND SCALE 19. 66. SLAT-BELT CONVEYOR 19. 4 hp VFD " " 10. may be 120v 1ph	AMPS TYPE MN '1 6 T 3 3 5 5 5 5 5 3 2 3 3 3 3 3	1	20 20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS 15 - 15 15 15 15 15 20 20^ 20 - 20	49 51 53 CHTING 200 SURFAC 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25	0 0 0 19,301 161 2=RECE VA 749 749 665 720 720 720 665 667 350 1,000 1,423 1,423 250 420 420	A B 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A C A	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE'MDA' VA 2,500 3,000 1,127 696 500 500 500 500 828 828 3,800 3,800 3,800 0	50 52 54 S S O 8 D CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30	20 20 20 4=RESIS A TRANS 25 30 20 15 15 15 15 15 40 -	1	T 4 4 3 3 5 5 5 3 3 4 4 4 4 5 5	3 WIRE: 4 NEMA: 1 O5-Nov-14 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-2 DESUPERHEATER CTRL DWPH-2 STEAM BOILER CONTROLS SB-1 STEAM CONDENSATE PUMP CP-1 STEAM CONDENSATE PUMP CP-2 116. TILTING BRAZING PAN " " 40 gal " " (Shunt Trip) 117. TILTING BRAZING PAN " " 30 gal " " 30 gal " " 30 gal
PANEL: '1N3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 103. AIR CURTAINS " " 1/6 hp each 23. EXHAUST HOOD-1 CTRL + LTG 100. EXHAUST HOOD-2 CTRL + LTG 12. EXHAUST HOOD-3 CTRL + LTG 12. EXHAUST HOOD-5 CTRL + LTG 15. EXHAUST HOOD-5 CTRL + LTG 16. EXHAUST VENTILATOR CNTRL VAC CONTROLS ELECOM SPLIT SYSTEM " " AC / CU-1 12. 250 POUND SCALE 166. SLAT-BELT CONVEYOR 174 hp VFD " " " may be 120v 1ph 177. TEA BREWER #1, 3-GAL 177. TEA BREWER #2, 3-GAL	AMPS FYPE MN 'T	MOU AIC R AFC P 2 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS 15 - 15 15 15 15 15 20 20^ 20 - 20 15 - 20 20	49 51 53 SHTING 200 SURFAC 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35	0 0 0 19,301 161 2=RECE E VA 749 749 665 720 720 665 667 350 1,000 1,423 1,423 250 420 420 420 1,700 1,700	AB 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE ABC A	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE'MDA' VA 2,500 3,000 1,127 696 500 500 500 500 828 828 3,800 3,800 3,800 3,800 3,800 3,800 0 3,800 0 2,833	50 52 54 S D ED VI 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36	20 20 20 4=RESIS A TRANS 25 30 20 15 15 15 15 40 - - - 40 - - 30	PH. STANCI PH. STANCI PH. 1 1 1 1 1 1 1 1 1 1 1 3+ ST 3+ - ST 3+ - ST	T 4 4 3 3 5 5 5 3 3 4 4 4 4 5 5 4 4 4 5 5 4 4	AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 1 O5-Nov-14 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-2 DESUPERHEATER CTRL DWPH-1 DESUPERHEATER CTRL DWPH-2 STEAM BOILER CONTROLS SB-1 STEAM CONDENSATE PUMP CP-1 STEAM CONDENSATE PUMP CP-2 116. TILTING BRAZING PAN " " 40 gal " " (Shunt Trip) 117. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN
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PANEL: '1N3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 103. AIR CURTAINS " 1/6 hp each 103. EXHAUST HOOD-1 CTRL + LTG 100. EXHAUST HOOD-2 CTRL + LTG 12. EXHAUST HOOD-3 CTRL + LTG 12. EXHAUST HOOD-5 CTRL + LTG 15. EXHAUST HOOD-5 CTRL + LTG 10UCARD OVEN EXH FAN EF-8 27. EXHAUST VENTILATOR CNTRL 10VAC CONTROLS 10ELECOM SPLIT SYSTEM " AC / CU-1 12. 250 POUND SCALE 166. SLAT-BELT CONVEYOR 164 hp VFD " " 177. TEA BREWER #1, 3-GAL 177. TEA BREWER #2, 3-GAL 1810-DIESEL PROCESSOR	AMPS FYPE MN '1 6 T 3 3 5 5 5 5 3 3 4 4 3	MOU AIC R AFC P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS 15 15 15 15 15 15 20 20^ 20 - 20 20 20 20 20 20 20 20 20 20 20 20 20	49 51 53 SHTING 200 SURFAC 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53	Telephone (Content of the content of	AB 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE ABC A	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE. 'MDA' VA 2,500 3,000 1,127 696 500 500 500 500 3,800 3,800 3,800 3,800 3,800 3,800 3,800 3,800 0,2,833 2,833 2,833 2,833 0 0 0 0 0 0 0 0 0 0	50 52 54 S D ED VI 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 52	20 20 20 20 4=RESIS ATRANS 25 30 20 15 15 15 15 15 40 - - - 30 - - 20 20 20 20 20 20 20 20 20 20 20 20 20	PH. STANCI PH. STANCI PH. STANCI PH. STANCI PH. STANCI PH. STANCI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 4 4 3 3 5 5 5 5 3 3 4 4 4 5 4 4 5 4 4 5 5 4 4 4 5 5	AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 1 O5-Nov-14 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-2 DESUPERHEATER CTRL DWPH-1 DESUPERHEATER CTRL DWPH-2 STEAM BOILER CONTROLS SB-1 STEAM CONDENSATE PUMP CP-1 STEAM CONDENSATE PUMP CP-2 116. TILTING BRAZING PAN " " 40 gal " " (Shunt Trip) 117. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 30 gal " " " (Shunt Trip) 118. TILTING BRAZING PAN " " 30 gal " " " " 31 gal " " " 23 gal " " " 23 gal
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PANEL: 'IN3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 103. AIR CURTAINS " 1/6 hp each 13. EXHAUST HOOD-1 CTRL + LTG 10. EXHAUST HOOD-2 CTRL + LTG 12. EXHAUST HOOD-3 CTRL + LTG 12. EXHAUST HOOD-5 CTRL + LTG 15. EXHAUST HOOD-5 CTRL + LTG 16. EXHAUST WENTILATOR CNTRL VAC CONTROLS ELECOM SPLIT SYSTEM " AC / CU-1 12. 250 POUND SCALE 166. SLAT-BELT CONVEYOR 1/4 hp VFD " " " may be 120v 1ph 177. TEA BREWER #1, 3-GAL 177. TEA BREWER #2, 3-GAL 1810-DIESEL PROCESSOR VOLTAMPS, F HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUR	6 T 3 3 5 5 5 5 5 5 3 3 3 4 4 3 3 3 4 4 4 3 3 5 5 5 5	MOU AIC R AFC P 2 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS 15 - 15 15 15 15 20 20^ 20 - 20 20 20 20 20 20 20 20 20 20 20 20 20	######################################	Telephone (Content of the content of	A B 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE A B C A C A C A C A C A C A C A C A C A C A C A C A C A C A	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE 'MDA' VA 2,500 3,000 1,127 696 500 500 500 828 828 3,800 3,800 3,800 3,800 3,800 3,800 3,800 3,800 0 2,833	50 52 54 S S O B D CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	20 20 20 20 20 20 20 20 20 20 20	PH. STANCE PH. STANCE TANCE	T	S=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 1 105-Nov-14 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-2 DESUPERHEATER CTRL DWPH-1 DESUPERHEATER CTRL DWPH-2 STEAM BOILER CONTROLS SB-1 STEAM CONDENSATE PUMP CP-1 STEAM CONDENSATE PUMP CP-2 116. TILTING BRAZING PAN " " 40 gal " " (Shunt Trip) 117. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 23 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 23 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 58,265 AVERAGE AMPS: 162
PANEL: 'IN3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 103. AIR CURTAINS " 1/6 hp each 103. EXHAUST HOOD-1 CTRL + LTG 100. EXHAUST HOOD-2 CTRL + LTG 12. EXHAUST HOOD-3 CTRL + LTG 15. EXHAUST HOOD-5 CTRL + LTG 16. EXHAUST WOD-5 CTRL + LTG 17. EXHAUST VENTILATOR CNTRL 18. ELECOM SPLIT SYSTEM " " AC / CU-1 12. 250 POUND SCALE 16. SLAT-BELT CONVEYOR 16. AIAT-BELT CONVEYOR 17. TEA BREWER #1, 3-GAL 17. TEA BREWER #2, 3-GAL 18. ELO-DIESEL PROCESSOR VOLTAMPS, HE HANDLE BLOCK DEVICE * HACR TEACH 19. THANDLE BLOCK DEVICE * HACR TEACH 10. THANDLE BLOCK DEVICE * HACR TEACH 10. TOTAL TEACH 10. TEACH	AMPS FYPE MN '1 6 T 3 3 5 5 5 5 3 3 2 3 3 4 4 3 PHASE AMPS EXPE	MOU AIC R AFC P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 B + C: PHASE: 1=LIG AMPS: AMPS: AMPS 15 - 15 15 15 15 20 20 - 20 - 20 20 20 20 20 20 20 20 20 20 20 20 20	######################################	Telephone (Content of the content of	A B 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE A B C A C A C A C A C A C A C A C A C A C A	18,858 158 3=MOTOR 120/2 PANELBOAR BOTTOM FE 'MDA' VA 2,500 3,000 1,127 696 500 500 500 828 828 3,800 3,800 3,800 3,800 3,800 3,800 3,800 3,800 0 2,833	50 52 54 S CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	20 20 20 20 20 20 20 20 20 20 20	PH. STANCE PH. STANCE TANCE	T	AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 1 LOAD DESCRIPTION MAIN OFC DUCT RE-HEAT ERC-1 CHEF OFC DUCT RE-HEAT ERC-2 DOMESTIC HW CIRC PUMP HCP-1 DOMESTIC HW CIRC PUMP HCP-2 DESUPERHEATER CTRL DWPH-1 DESUPERHEATER CTRL DWPH-2 STEAM BOILER CONTROLS SB-1 STEAM CONDENSATE PUMP CP-2 116. TILTING BRAZING PAN " " 40 gal " " (Shunt Trip) 117. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 30 gal " " (Shunt Trip) 118. TILTING BRAZING PAN " " 58,265 AVERAGE AMPS: 162
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PANEL: 'IN3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 23. AIR CURTAINS " 1/6 hp each 23. EXHAUST HOOD-1 CTRL + LTG 24. EXHAUST HOOD-2 CTRL + LTG 24. EXHAUST HOOD-5 CTRL + LTG 24. EXHAUST HOOD-5 CTRL + LTG 25. EXHAUST HOOD-5 CTRL + LTG 26. EXHAUST HOOD-5 CTRL + LTG 27. EXHAUST HOOD-5 CTRL + LTG 28. EXHAUST HOOD-5 CTRL + LTG 29. EXHAUST HOOD-5 CTRL + LTG 20. EXHAUST HOOD-5 CTRL + LTG 20. EXHAUST HOOD-5 CTRL + LTG 21. EXHAUST WENTILATOR CNTRL WAC CONTROLS 22. ESO POUND SCALE 23. EXHAUST VENTILATOR CNTRL 24. EXHAUST VENTILATOR CNTRL 25. EXHAUST VENTILATOR CNTRL 26. SLAT-BELT CONVEYOR 26. SLAT-BELT CONVEYOR 27. TEA BREWER #1, 3-GAL 27. TEA BREWER #1, 3-GAL 27. TEA BREWER #2, 3-GAL 28. AGAL 29. TAB REWER #2, 3-GAL 31. TAE BREWER #2, 3-GAL 31. TAE BREWER #2, 3-GAL 31. TAE BREWER #2, 3-GAL 32. CAND DESCRIPTION 24. REACH-IN REFRIGERATOR 35. REACH-IN REFRIGERATOR 36. ROLL-IN REFRIGERATOR 37. TABLE OUTLETS 38. TABLE OUTLETS 39. TABLE OUTLETS 39. TABLE OUTLETS 39. PRESSURE WASHER 2 hp 20. TABLE OUTLETS 30. TABLE OUTLETS 31. TABLE OUTLETS 32. TABLE OUTLETS 33. TABLE OUTLETS 34. REACH-IN REFRIGERATOR 35. REACH-IN REFRIGERATOR 36. ROLL-IN REFRIGERATOR 37. TEAL OUTLETS 38. TABLE OUTLETS 39. PRESSURE WASHER 40. REACH-IN REFRIGERATOR 41. REACH-IN REFRIGERATOR 42. REACH-IN REFRIGERATOR 43. REACH-IN REFRIGERATOR 44. REACH-IN REFRIGERATOR 45. TABLE OUTLETS 46. REACH-IN REFRIGERATOR 47. TEAL REACH-IN REFRIGERATOR 48. HEATED HOLDING CART 48. HEATED HOLDING CART 48. HEATED HOL	AMPS FYPE MN 'T 3 3 3 5 5 5 5 5 3 3 3 3 3 3 4 4 4 3 3 3 3	MOU AIC R AFC P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 B + C: PHASE: AMPS: AMPS: AMPS: AMPS 15 15 15 15 15 15 15 15 15 20 20 20 20 20 20 20 20 20 20 20 20 20	######################################	TARECE TARECE	ABC 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE ABC AB	120/2 PANELBOAR BOTTOM FE 'MDA' VA 2,500 3,000 1,127 696 500 500 500 828 828 3,800 3,800 3,800 3,800 3,800 3,800 3,800 3,800 3,800 3,800 1,127 696 500 500 500 500 500 696 500 18,166 152 PANELBOAR BOTTOM FE 'MDA' 1,080 1,00 0 0 0 0 0 0 18,166 152 PANELBOAR BOTTOM FE 'MDA' VA 1,080 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 52 54 S CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 CT 02 04 06 08 30 32 34 36 38 40 42 44 46 48 50 52 54	20 20 20 4=RESIS A TRANS AMPS 25 30 20 15 15 15 15 15 40 30 20 20 20 20 20 20 20 20 20 20 20 20 20	PH. STANCE PH. STANCE PH. STANCE PH. TANCE TANCE PH. TANCE	T ASE: T 4 4 4 3 3 3 5 5 5 3 3 4 4 4 4 4 5 5 4 4 4 4	S-MISCELLANEOUS F-FEEDER S-MISCELLANEOUS F-FEEDER
PANEL: 'IN3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION 203. AIR CURTAINS " " 1/6 hp each 33. EXHAUST HOOD-1 CTRL + LTG 100. EXHAUST HOOD-2 CTRL + LTG 121. EXHAUST HOOD-3 CTRL + LTG 122. EXHAUST HOOD-5 CTRL + LTG 123. EXHAUST HOOD-5 CTRL + LTG 124. EXHAUST HOOD-5 CTRL + LTG 125. EXHAUST HOOD-5 CTRL + LTG 126. EXHAUST VENTILATOR CNTRL IVAC CONTROLS 127. EXHAUST VENTILATOR CNTRL 128. EXHAUST VENTILATOR CNTRL 129. EXHAUST VENTILATOR CNTRL 140. EXHAUST VENTILATOR CNTRL 151. EXHAUST VENTILATOR CNTRL 152. EXHAUST VENTILATOR CNTRL 153. EXHAUST VENTILATOR CNTRL 154. EXHAUST VENTILATOR CNTRL 155. EXHAUST VENTILATOR CNTRL 166. SLAT-BELT CONVEYOR 177. TEA BREWER #1, 3-GAL 177. TEA BREWER #1, 3-GAL 177. TEA BREWER #2, 3-GAL 1810-DIESEL PROCESSOR VOLTAMPS, H ANAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION VOLTAMPS, H ANAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION VOLTAMPS, H 1810-DIESEL PROCESSOR 1811 TABLE OUTLETS 1812 TABLE OUTLETS 1812 TABLE OUTLETS 1813 TABLE OUTLETS 1813 TABLE OUTLETS 1814 TABLE OUTLETS 1815 TABLE OUTLETS 1815 TABLE OUTLETS 1816 TABLE OUTLETS 1817 TABLE OUTLETS 1817 TABLE OUTLETS 1818 TABLE OUTLETS 1819 PRESSURE WASHER 2 hp 1814 TABLE OUTLETS 1815 TABLE OUTLETS 1816 TABLE OUTLETS 1817 TABLE OUTLETS 1817 TABLE OUTLETS 1818 TABLE OUTLETS 1819 TABLE OUTLETS 1818 TABLE OUTLETS 1819 TABLE O	AMPS TYPE MN 'T	MOU AIC P P 2 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 1=LIG AMPS: AMPS: AMPS: AMPS 15 15 15 15 15 15 15 15 15 15 15 15 15	######################################	Tyania 19,301 161 2=RECE VA 749 749 665 720 720 665 667 350 1,000 1,423 1,423 250 420 420 420 1,700 1,700 1,700 1,700 1,700 1,725 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ABC 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE ABC AB	120/2 PANELBOAR BOTTOM FEIMON 1,127 696 500 500 500 500 500 3,800 3,800 3,800 3,800 3,800 3,800 3,800 3,800 3,800 1,127 696 500 500 600 18,166 152 PANELBOARI BOTTOM FEIMON 1,000 1	50 52 54 S S CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 CT 02 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 66 67 68 68 68 68 68 68 68 68 68 68	20 20 20 4=RESIS A TRANS AMPS 25 30 20 15 15 15 15 15 40 40 30 20 20 20 20 20 20 20 20 20 20 20 20 20	PH. STANCE	E ASE: T 4 4 4 3 3 3 5 5 5 5 5 3 3 4 4 4 4 4 5 5 4 4 4 4	AVERAGE AMPS: 57,174 AVERAGE AMPS: 159 5=MISCELLANEOUS F=FEEDER AVERAGE AMPS:
PANEL: 'IN3-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION 103. AIR CURTAINS " " 1/6 hp each 103. EXHAUST HOOD-1 CTRL + LTG 104. EXHAUST HOOD-2 CTRL + LTG 105. EXHAUST HOOD-3 CTRL + LTG 107. EXHAUST HOOD-5 CTRL + LTG 108. EXHAUST HOOD-5 CTRL + LTG 109. EXHA	AMPS TYPE MN 'T	MOU AIC R AFC P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 B + C: PHASE: AMPS: AMPS: AMPS: AMPS 15 15 15 15 15 15 15 15 15 15 15 15 15	##TING ##TING	Telephone (Content of the content of	A B C 19,015 159 PTACLES VOLTS: TYPE: NOTES: PHASE A B C A C A	120/2 PANELBOAR BOTTOM FE 'MDA' VA 2,500 3,000 1,127 696 500 500 500 500 828 828 828 3,800 3,80	50 52 54 S O S CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 CT 02 04 06 08 38 40 42 44 46 48 50 52 54	### A TRANS A TRANS	PH. STANCE PH. STANCE PH. STANCE PH. STANCE TANCE TANCE PH. TANCE PH. TANCE PH. TANCE TANCE	E ASE: T 4 4 4 3 3 3 5 5 5 5 5 3 3 4 4 4 4 4 5 5 4 4 4 4	S=MISCELLANEOUS F=FEEDER S=MISCELLANEOUS F=FEEDER

LOAD TYPE (ENTER AT COLUMN 'T'): 1=LIGHTING 2=RECEPTACLES 3=MOTORS 4=RESISTANCE 5=MISCELLANEOUS F=FEEDER

HANDLE BLOCK DEVICE * HACR TYPE

LOCATION: ELEC. CLOSET, RM 12				SURFACE			PANELBOARI BOTTOM FE	_	A TRANS	'TN	2 '	
LOAD DESCRIPTION	Т	Р	AMPS	CT	VA	ED FROM:	VA	CT	AMPS	P	T	
48. COOK CHILL TILTING KETTLE 2 hp " "	3 3	3+ - -	20 - -	01 03 05	937 937 937	A B	840 840 3,002	02 04 06	20 20 30	1 1 3	3	26. VACUUM TUMBLER #1 26. VACUUM TUMBLER #2 27. MEAT / CHEESE SLICER
(Shunt Trip) 50. STATIONERY STEAM KETTLE	5	ST 3+	- 15	07	0 504	A	3,002 3,002	08	-	-	3	" exist is 120v 1
80 gal " " (Shunt Trip)	3 3 5	- - ST	- -	11 13 15		C A	600 541 541	12 14 16	20	2 -	3	23. HYDRAULIC WORK TABLE 29. PRODUCE WASH SINK
(Shunt Trip) 52. STATIONERY STEAM KETTLE 80 gal " "	3	3+ -	15 -	17 19	504	C A	8,400 7,920	18	90	3+		115. VULCAN CONVECTION OVEN " " VC66E
" " (Shunt Trip) 42. RAPID CHILLER / COOK TANK	3 5 3	ST	- - 30	21 23 25	0	B C A	8,400 0 64	22 24 26	- - 20	- ST 1	4 5 5	" " (Shunt Trip) INSTANT GAS WATER HTR GWH-1
est load " "	3	-	-	27 29		B	64 64	28	20 20	1	5 5	INSTANT GAS WATER HTR GWH-1 INSTANT GAS WATER HTR GWH-2 INSTANT GAS WATER HTR GWH-3
43. PUMP / FILL STATION " " MOBILE	3	2 -	20	31 33	1,144	B	360 360	32 34	20	1 1	2	137. TABLE OUTLETS 139. TABLE OUTLETS
63. TABLE OUTLETS 77. HOBART MIXER " " HL800	3	3 -	20 15 -	35 37 39	360 709 709	C A	1,920 1,920 1,920	36 38 40	20 20 20	1 1 1	4 4	148. HEATED HOLDING CART 148. HEATED HOLDING CART 148. HEATED HOLDING CART
" " 1 hp	3	- 1	- 20	41 43	709 0	C A	1,920	42 44	20 20	1	4	148. HEATED HOLDING CART
		1 1 1	20 20 20	45 47 49	0 0	B C A	0	46 48 50	20 20 20	1 1 1		
		1	20 20	51 53	0	B C	0	52 54	20 20	1		
VOLTAMPS, P			B + C: PHASE:		20,847 174	21,327 178	21,322 178			= 5	TOTA:	KVA DEMAND: 63.5 L CONNECTED VA: 63,495 AVERAGE AMPS: 177
^ HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM		'):	1=LIG	HTING	2=RECE	PTACLES	3=MOTORS	5	4=RESIS	TANCE		5=MISCELLANEOUS F=FEEDER
PANEL: '1N6-2'			AMPS:	200		VOLTS:	120/2	08		PH	ASE:	3 WIRE: 4 NEMA:
MAINS: MAIN BREAKER				SURFACE			PANELBOAR			111		J
LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h x 20w x 6d	5 .		RATING: C AMPS:	10,000 7,629	E	NOTES: ED FROM:	BOTTOM FE	ED VI	A TRANS	'TN	2'	05-Nov
LOAD DESCRIPTION BAS CONTROL PANEL EIDE ALARM CONTROL PANEL	5 5	1 1	20^ 20^	01 03	VA 500 500	PHASE A B	7,205	02	90	3 -	3 3	LOAD DESCRIPTION 56. CONDENSING UNIT " " 15 hp
FIRE ALARM CONTROL PANEL ACCESS CONTROL / SECURITY 196. TEMPERATURE MONITORING	5 5 5	1 1 1	20^ 20^ 20^	03 05 07	500 500 500	B A	7,205 7,205 250	04 06 08	20^	- - 1	3	" " 15 hp " " ON ROOF 47. HOOD FIRE SUPPRESSION SY
TASTING RM STANDBY PWR CHEFS OFFICE STANDBY PWR	2 2	2 -	40	09 11	720 900	B C	250 250	10 12	20^	1 1 1	5	95. HOOD FIRE SUPPRESSION SY 114. HOOD FIRE SUPPRESSION S
4. LTS+DR HTRS, W.I. THAW COOLER 1. LTS, W.I. RECV FREEZER 9. REACH-IN DR HTR, PREP COOLER	1 1 4	1 1 1	20 20 20	13 15 17	994 1,976 580	A B	250 1,380 805	14 16 18	20 [^] 20 20	1 1 1	3	126. HOOD FIRE SUPPRESSION S 7. EVAP FANS, W.I. PREP COOL 14. EVAP FANS, COLD PREP ROO
191. LTS+DR HTR, W.I. HOLD COOLR 146. LTS+DR HTR, W.I. BEV COOLER	1	1	20	19 21	578 464	A	414 207	20	20	1	3	192. EVAP FANS, W.I. HOLD CO 147. EVAP FANS, W.I. BEV COO
189. LTS+DR HTR, W.I. COOK / CHI 6. LTS+DR HTR, W.I. RECV COOLER 193. LTS+DR HTR, W.I. HOLD FREEZ	1 1 1	1 1 1	20 20 20	23 25 27	1,182 1,205 558	C A	828 500 500	24 26 28	20 15 -	3 -	3 4 4	190. EVAP FANS, W.I. COOK / UNIT HEATER, MECH RM 128 " " EUH-1
73. BAKING TABLE OUTLET 64. EVAP FANS, BLAST CHILLER	2	1 3	20	29 31	180 3,603	C A	500 1,100	30 32	- 15	- 3	4	" " 1.5 kw UNIT HEATER, BOILER RM 127
" " 68. HEATED HOLDING CART	3 3 4	- - 1	- - 20	33 35 37	3,603 3,603 1,920	B C A	1,100 1,100 180	34 36 38	- - 20	- - 1	4 2	" " EUH-2 " " 3.3 kw 75. BAKING TABLE OUTLET
68. HEATED HOLDING CART 148. HEATED HOLDING CART	4 4	1	20	39 41	1,920 1,920	B	90	40	20^	1 1	5	GAS RANGE SOLENOID VALVES SHUNT-TRIP CONTROL POWER
148. HEATED HOLDING CART OUTLETS, LOADING	2	1	20	43 45	1,920 360	B	0	44	20	1		
OUTLETS, LOADING	2	1 1 1	20 20 20	47 49 51	360 0	C A	0	48 50 52	20 20 20	1 1 1		
		1	20	53	0	C	0	54	20	1		
* HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER	AMPS YPE IN 'T	PER	PHASE: 1=LIG AMPS:	HTING		174 PTACLES VOLTS:	170	08	4=RESIS	TANCE		KVA DEMAND: 64.1 L CONNECTED VA: 62,345 AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA:
^ HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h * 20w * 6d	AMPS YPE N 'T	PER '): MOU AIC F	PHASE: 1=LIG AMPS: UNTING: RATING: AMPS:	200 SURFACE 10,000 7,629	2=RECE	TYPE: NOTES: ED FROM:	3=MOTORS 120/2 PANELBOAR BOTTOM FE	O8 D	A TRANS	TANCE	ASE:	AVERAGE AMPS: 62,345 AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA:
^ HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h * 20w * 6d LOAD DESCRIPTION OUTLETS, DISHWASHING	AMPS YPE IN 'T	PER '): MOU	PHASE: 1=LIG AMPS: UNTING: RATING:	200 SURFACE 10,000	2=RECE	PTACLES VOLTS: TYPE: NOTES:	3=MOTORS 120/2 PANELBOAR BOTTOM FE	08		TANCE PH	ASE:	L CONNECTED VA: 62,345 AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER
^ HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h * 20w * 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, BAKERY OUTLETS, CATERING EQUIP	AMPS YPE T 2 2 2 2	PER MOU AIC F AFC P 1 1 1	PHASE: 1=LIG AMPS: UNTING: RATING: AMPS: AMPS 20 20 20 20	200 SURFACE 10,000 7,629 CT 01 03 05 07	2=RECE VA 360 360 360 720	TYPE: NOTES: PHASE ABC A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 540 360 540	O8 D ED VI 02 04 06 08	AMPS 20 20 20 20 20 20	PH	ASE: T 2 2 2 2 2 2	AVERAGE AMPS: 62,345 AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER
^ HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, BAKERY OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET	AMPS YPE T 2 2 2	PER '): MOU AIC F AFC P 1 1	PHASE: 1=LIG AMPS: NTING: RATING: AMPS: AMPS 20 20 20	200 SURFACE 10,000 7,629 CT 01 03 05	2=RECE. VA 360 360 360	VOLTS: TYPE: NOTES: ED FROM: PHASE ABC	3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 540 360	08 D ED VI CT 02 04 06	AMPS 20 20 20 20	TANCE PH S 'TN P 1 1	T 2 2 2 2 2 2 2 2	3 WIRE: 4 NEMA: LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B+C
^ HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h * 20w * 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, BAKERY OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS	AMPS YPE T 2 2 2 2 2 2 2	PER MOU AIC F AFC P 1 1 1 1 1	PHASE: 1=LIG AMPS: UNTING: RATING: AMPS 20 20 20 20 20 20 20 20 20	DEFINITION SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17	2=RECE VA 360 360 720 960 960 360 900 0	TYPE: NOTES: ED FROM: PHASE ABBC ABBC ABC	3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 540 360 1,200 540 360 360 360 360 360 360	O8 D CT 02 04 06 08 10 12 14 16 18	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 105-Nov 104 LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B+C OUTLETS, OFFICE 109D OUTLETS, OFFICE COPIER OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, OPEN OFFICE 109
A HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE	AMPS YPE T 2 2 2 2 2 2	PER '): MOU AIC F AFC P 1 1 1 1 1	PHASE: 1=LIG AMPS: UNTING: RATING: AMPS 20 20 20 20 20 20 20 20 20	DETERMINE HTING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15	2=RECE VA 360 360 360 720 960 960 360 900	TYPE: NOTES: PHASE ABC ABC AB	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 540 360 540 360 1,200 540 360 360	O8 D ED VI 02 04 06 08 10 12 14 16	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 105-Nov 104 LOAD DESCRIPTION 105-Nov 104 LOAD DESCRIPTION 105-Nov 105-Nov 107 LOAD DESCRIPTION 107 LOAD DESCRIPTION 108 LOAD DESCRIPTION 109 LOAD DESCRIPTION 109 LOAD DESCRIPTION 109 LOAD DESCRIPTION 100 LOAD DES
A HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h * 20w * 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE BREAK RM VENDING MACHINE	AMPS YPE T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	PER (): MOU AIC F AFC P 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: INTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	DETERMING HTING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27	176 2=RECE VA 360 360 360 720 960 960 960 1,500 1,200 1,200 1,440 1,440	TYPE: NOTES: PHASE ABBC ABBC ABC ABC ABC ABC ABC ABC ABC	3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	O8 D CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: THE SEMISCELLANEOUS SEMISCELLANEOUS SEMISCELLANEOUS SEMISCELLANEOUS SEMISCELLANEOUS SEMISCELLANEOUS SEMISCELLANEOUS FEEDER OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B OUTLETS, OFFICE 109D OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109
A HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h * 20w * 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE BREAK RM VENDING MACHINE	AMPS YPE T 2 2 2 2 2 2 2 3 3 3 2	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: JNTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25	176 2=RECE VA 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,440	TYPE: NOTES: PHASE ABC ABC ABC ABC ABC ABC ABC ABC ABC A	3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 540 360 360 360 360 360 360 360 3	O8 D ED VI 02 04 06 08 10 12 14 16 18 20 22 24 26	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ASE: 2' T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 105-Nov 105-Nov 106-Nov 107-Nov 107-
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 148. HEATED HOLDING CART	AMPS YPE T 2 2 2 2 2 2 2 2 2 4 4	PER MOU AIC F AFO P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: JNTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37	176 2=RECE VA 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920	TYPE: NOTES: PHASE ABC AC A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	O8 D ED VI 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 105-Nov 105-Nov 106-Nov 107-Nov 107-
A HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h * 20w * 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 148. HEATED HOLDING CART 148. HEATED HOLDING CART	AMPS YPE T 2 2 2 2 2 2 2 2 2 2 4	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: JNTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35	176 2=RECE VA 360 360 360 960 960 960 1,500 1,200 1,200 1,440 900 0 1,440 900 0 1,920	TYPE: NOTES: TYPE: NOTES: ED FROM: PHASE ABC	3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 540 360 540 360 360 360 360 360 360 360 3	O8 D ED VI 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH S 'TN: P	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 105-Nov 105-Nov 104 LOAD DESCRIPTION 105-Nov 106 LOAD DESCRIPTION 107 LOAD DESCRIPTION 107 LOAD DESCRIPTION 107 LOAD DESCRIPTION 107 LOAD DESCRIPTION 108 LOAD DESCRIPTION 109 LOAD DESCRIPTION 109 LOAD DESCRIPTION 100 LOAD LOAD LOAD LOAD LOAD LOAD LOAD LOAD
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 148. HEATED HOLDING CART 148. HEATED HOLDING CART	AMPS YPE T 2 2 2 2 2 2 2 2 2 4 4 4	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: JNTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47	176 2=RECE VA 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 0 0 0 0 0	TYPE: NOTES: PHASE ABC	3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	O8 D CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH S 'TN: P 1 1 1 1 1 1 1 1 1 1 1 1	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 105-Nov 10AD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B+C OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE 109+109D OUTLETS, OFFICE 109+109D OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, CHEN OFFICE
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 148. HEATED HOLDING CART 148. HEATED HOLDING CART	AMPS YPE T 2 2 2 2 2 2 2 2 2 4 4 4	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: NTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45	176 2=RECE VA 360 360 360 960 960 960 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 0 0	TYPE: NOTES: PHASE ABC	3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	O8 D ED VI CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 105-Nov 10AD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B+C OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE 109H OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, REC'V+LOADING DESK SUMP PUMP, WATER VAULT
PANEL: 'IN7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12: PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM VENDING MACHINE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 4 4 4 4 HASE	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: NTING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53	176 2=RECE VA 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: PHASE ABC AC A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	O8 D CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH S 'TN: P 1 1 1 1 1 1 1 1 1 1 1 1	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 105-Nov 104 LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109C OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE 109H OUTLETS, OFFICE 109H OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, REC'V+LOADING DESK SUMP PUMP, WATER VAULT SIGN OUTLET KVA DEMAND: 31.3 L CONNECTED VA: 30,986
A HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUMN PANEL: 'IN7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12' PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM WICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART	AMPS YPE T 2 2 2 2 2 2 2 2 2 4 4 4 4 4 4 YPE	PER MOU AIC F AFO P 1 1 1 1 1 1 1 1 1 1 1 A + PER	PHASE: 1=LIG AMPS: JNTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53	176 2=RECE VA 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: PHASE ABC	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH S'TN: P 1 1 1 1 1 1 1 1 1 1 1 1	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 5=MISCELLANEOUS 5=MISCELLANEOUS 62,345 AVERAGE AMPS: 174 05-MOX 105-NOX 100 100 100 100 100 100 100 1
A HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUMN PANEL: 'IN7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12' PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM WENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 149. HEATED HOLDING CART 140. HEATED HOLDING CART 141. HEATED HOLDING CART 144. HEATED HOLDING CART 145. HEATED HOLDING CART 146. HEATED HOLDING CART 147. HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUMN COLTAMPS, P	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 1 HASE AMPS YPE N 'T	PER (): MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: INTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53	176 2=RECE VA 360 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: PHASE ABC A	3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER O5-Nov LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE CUSTODIAL OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, COPEN OFFICE 109 OUTLETS, COPEN OFFICE 109 OUTLETS, RECEPTION OFFICE 109 OUTLETS, RECEPTION OFFICE 109 OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, REC'V+LOADING DESK SUMP PUMP, WATER VAULT SIGN OUTLET KVA DEMAND: 31.3 L CONNECTED VA: 30,986 AVERAGE AMPS: 87
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A HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION OUTLETS, COOKING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 1 HASE AMPS YPE N 'T	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: NTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING	176 2=RECE VA 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: VOLTS: TYPE: NOTES: PHASE A -B C A B C A B C A B C A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER O5-Nov LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE CUSTODIAL OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, COPEN OFFICE 109 OUTLETS, COPEN OFFICE 109 OUTLETS, RECEPTION OFFICE 109 OUTLETS, RECEPTION OFFICE 109 OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, REC'V+LOADING DESK SUMP PUMP, WATER VAULT SIGN OUTLET KVA DEMAND: 31.3 L CONNECTED VA: 30,986 AVERAGE AMPS: 87
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12: PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM WICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 1 HASE AMPS YPE N 'T	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: NTING: AMPS: AMPS: AMPS: 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING	176 2=RECE VA 360 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: PHASE ABC A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 540 360 360 360 360 360 360 360 3	O8 D CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 S=MISCELLANEOUS F=FEEDER O5-Nov LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, CPEN OFFICE 109 OUTLETS, RECEPTION OFFICE 10 OUTLETS, CHEF OFFICE OUTLETS, REC'V+LOADING DESK SUMP PUMP, WATER VAULT SIGN OUTLET KVA DEMAND: 31.3 L CONNECTED VA: 30,986 AVERAGE AMPS: 87
PANEL: 'IN7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12: PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, RESTROOMS OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM WENDING MACHINE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 149. HEATED HOLDING CART 148. HEATED HOLDING 148. HEATED HOLDING 159. HEATER 159. HEATER 169. HEATER 160. HEAT	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 1 1 T AMPS T T T T T T T T T T T T T	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: JNTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING	176 2=RECE VA 360 360 360 720 960 960 960 360 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: TYPE: NOTES: PHASE A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A C A C A C A C A C A C A C A C A C A C A C A C	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH S 'TN: P 1 1 1 1 1 1 1 1 1 1 1 1	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 S=MISCELLANEOUS F=FEEDER O5-Nov LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109C OUTLETS, OFFICE 109B+C OUTLETS, OFFICE 109D OUTLETS, OFFICE 109H OUTLETS, OFFICE USTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, CHEF OFFICE OUTL
PANEL: 'IN7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12: PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, RESTROOMS OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM WENDING MACHINE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 149. HEATED HOLDING CART 140. HEATED HOLDING CART 141. HEATED HOLDING CART 142. HEATED HOLDING CART 143. HEATED HOLDING CART 144. HEATED HOLDING CART 145. HEATED HOLDING CART 146. HEATED HOLDING CART 147. HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUMN VOLTAMPS, F OUTLETS, OFFICE SOUTH OUTLETS, OFFICE NORTH OUTLETS, SHOP EAST OUTLETS, SHOP EAST OUTLETS, RR + SHOP CENTER	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 1 HASE AMPS YPE N 'T	PER (): MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: INTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING CT 01 03 CT 01 03	176 2=RECE VA 360 360 360 720 960 960 360 900 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: PHASE ABC A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 S=MISCELLANEOUS F=FEEDER O5-Nov LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109C OUTLETS, OFFICE 109B+C OUTLETS, OFFICE 109D OUTLETS, OFFICE 109H OUTLETS, OFFICE 109 OUTLETS, OPEN OFFICE 109 OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, REC'V+LOADING DESK SUMP PUMP, WATER VAULT SIGN OUTLET AVA DEMAND: 31.3 LOAD DESCRIPTION CORD DROP, SHOP NE CORD DROP, SHOP NE CORD DROP, SHOP ME
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12' PHYSICAL: 44h × 20w × 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM VENDING MACHINE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART OUTLETS, WASH OUTLET OUTLETS, CFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, SHOP EAST OUTLETS, RR + SHOP CENTER OUTLETS, AIR SCRUBBER OUTLET, CHOP SAW NORTH	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 1 1 1 1	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: NTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING CT 01 03 05 07 09 11 13 15 17 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	176 2=RECE VA 360 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: TYPE: NOTES: PHASE A -B C A C A C A C A C A C A C A C A C A C A C A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 CT 02 04 06 08 10 01 01 01 01 01 01 01 01 01 01 01 01	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 5=MISCELLANEOUS F=FEEDER O5-Nov LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B OUTLETS, OFFICE 109D OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, CHEF OFFICE OUTLETS, RECE'V+LOADING DESK SUMP PUMP, WATER VAULT SIGN OUTLET AVERAGE AMPS: SIGN OUTLET LOAD DESCRIPTION CORD DROP, SHOP NE CORD DROP, SHOP NE CORD DROP, SHOP SE TABLE SAW TS-1 " " 5 hp TABLE SAW TS-2 " " 3 hp TABLE SAW TS-2 " " 3 hp TABLE SAW TS-3
PANEL: 'IN7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM OUTLETS, BREAK RM VOLTAMPS, F A HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: 'IN8-2' MAINS: MAIN LUG ONLY LOCATION: WOOD SHOP, RM 101 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, OFFICE BAST OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, SHOP EAST OUTLETS, SHOP EAST OUTLETS, RR + SHOP CENTER OUTLET, AIR SCRUBBER OUTLET, CHOP SAW NORTH OUTLETS, FINISHING NW	AMPS YPE T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 7 7 7 7 7	PER MOU AIC F AFO P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: JNTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 #TING #TING CT 01 03 05 07 09 11 13 15 17 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	176 2=RECE VA 360 360 360 720 960 960 360 900 1,500 1,200 1,200 1,440 900 0 1,440 900 0 1,920	TYPE: NOTES: PHASE ABC AB	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH S 'TN: P 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 62,345 AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER 3 WIRE: 4 NEMA: 105-Nov 100AD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B+C OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE CUSTODIAL OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, CHEF OFFICE OUTLETS, CHEF OUTL
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12: PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM VENDING MACHINE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 1000 TYPE (ENTER AT COLUMN PANEL: '1N8-2' MAINS: MAIN LUG ONLY LOCATION: WOOD SHOP, RM 101 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, SHOP EAST OUTLETS, SHOP EAST OUTLETS, RR + SHOP CENTER OUTLETS, FINISHING NW OUTLETS, FINISHING NW OUTLETS, SHOP WEST	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PER (): MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: NTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING	176 2=RECE VA 360 360 360 720 960 960 960 360 900 0 1,500 1,200 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: PHASE ABC A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH S 'TN: P 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 S=MISCELLANEOUS F=FEEDER AVERAGE AMPS: 174 S=MISCELLANEOUS F=FEEDER AVERAGE AMPS: 174 S=MISCELLANEOUS F=FEEDER AVERAGE AMPS: 4 NEMA:
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12: PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM WENDING MACHINE BREAK RM VENDING MACHINE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 1000 TYPE (ENTER AT COLUM PANEL: '1N8-2' MAINS: MAIN LUG ONLY LOCATION: WOOD SHOP, RM 101 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, OFFICE EAST OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, SRP + SHOP CENTER OUTLETS, RR + SHOP CENTER OUTLETS, RR + SHOP CENTER OUTLETS, SRP + SHOP CENTER OUTLETS, SRP + SHOP CENTER OUTLETS, FINISHING NW OUTLETS, SHOP WEST OUTLETS, SHOP WEST CORD DROPS (2), NW	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1	PER (): MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: NTING: RATING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING ##ING CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53	176 2=RECE VA 360 360 360 720 960 960 960 360 900 0 1,500 1,200 1,200 1,200 1,440 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: TYPE: NOTES: ED FROM: PHASE A -B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A C A B C A C A C A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TOTA ASE: ASE: T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 62,345 AVERAGE AMPS: 174 S=MISCELLANEOUS F=FEEDER JOS-NOW LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109C OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, CHEF OFFICE OUTLETS, RECEPTION OFFICE 10 OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, REC'V+LOADING DESK SUMP PUMP, WATER VAULT SIGN OUTLET SIGN OUTLET KVA DEMAND: 31.3 L CONNECTED VA: 30,986 AVERAGE AMPS: 87 5=MISCELLANEOUS F=FEEDER AVERAGE AMPS: 87 TABLE SAW TS-1 " 5 hp TABLE SAW TS-1 " 5 hp TABLE SAW TS-1 " 3 hp TABLE SAW TS-2 " 3 hp TABLE SAW TS-3 " " 3 hp
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12' PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, ERK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART 1000 TYPE (ENTER AT COLUMN PANEL: '1N8-2' MAINS: MAIN LUG ONLY LOCATION: WOOD SHOP, RM 101 PHYSICAL: 44h x 20w x 6d LOAD TYPE (ENTER AT COLUMN OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, OFFICE SOUTH OUTLETS, SHOP EAST OUTLETS, SHOP EAST OUTLETS, RR + SHOP CENTER OUTLET, AIR SCRUBBER OUTLET, AIR SCRUBBER OUTLETS, SHOP WEST OUTLETS, SHOP SOUTH	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1	PER MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: NTING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING #TING CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53	176 2=RECE VA 360 360 360 720 960 960 360 900 0 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,700 0 0 0 0 0 0 0 0 0 0 1,700 0 0 0 0 0 0 0 0 0 0 1,700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: TYPE: NOTES: ED FROM: PHASE A B C A C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A B C A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 62,345 AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART OUTLETS, BREAK RM PANEL: '1N8-2' MAINS: MAIN LUG ONLY LOCATION: WOOD SHOP, RM 101 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, OFFICE SOUTH OUTLETS, SHOP EAST OUTLETS, RR + SHOP CENTER OUTLET, AIR SCRUBBER OUTLET, AIR SCRUBBER OUTLET, AIR SCRUBBER OUTLETS, SHOP WEST	AMPS YPE T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	MOU AIC F AFO P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: AMPS: AMPS: AMPS: AMPS: AMPS: AMPS: AMPS: 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 #TING #TING CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 #TING	176 2=RECE VA 360 360 360 720 960 960 960 1,500 1,200 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: PHASE ABC AB	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 62,345 AVERAGE AMPS: 174 S=MISCELLANEOUS F=FEEDER JOS-NOW LOAD DESCRIPTION OUTLETS, OFFICE 109B OUTLETS, OFFICE 109B-C OUTLETS, OFFICE 109D OUTLETS, OFFICE 109D OUTLETS, OFFICE 109H09D OUTLETS, OFFICE CUSTODIAL OUTLETS, OFFICE CUSTODIAL OUTLETS, OPEN OFFICE 109 OUTLETS, CHEF OFFICE OUTLETS, RECEPTION OFFICE 10 OUTLETS, RECEPTION OFFICE 10 OUTLETS, CHEF OFFICE OUTLETS, CHEF OFFICE OUTLETS, REC'V+LOADING DESK SUMP PUMP, WATER VAULT SIGN OUTLET KVA DEMAND: 31.3 AVERAGE AMPS: 30,986 AVERAGE AMPS: 30,986 AVERAGE AMPS: 30,986 AVERAGE AMPS: 31.3 TABLE SAW TS-1 " 5 hp TABLE SAW TS-1 " 1 3 hp TABLE SAW TS-2 " 3 hp GAS FURNACE F-1 TOILET EXHAUST FAN EF-6 SPRAY EXHAUST FAN EF-7 AIR COMPRESSOR AC-2 " 3 hp GOLF CART CHARGER
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART OUTLETS, BREAK RM PANEL: '1N8-2' MAINS: MAIN LUG ONLY LOCATION: WOOD SHOP, RM 101 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, OFFICE SOUTH OUTLETS, SHOP EAST OUTLETS, RR + SHOP CENTER OUTLET, AIR SCRUBBER OUTLET, AIR SCRUBBER OUTLET, AIR SCRUBBER OUTLETS, SHOP WEST	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1	PER MOU AIC F AFO P 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: JNTING: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 #TING #TING #TING CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53	176 2=RECE VA 360 360 360 720 960 960 960 360 900 0 1,500 1,200 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: TYPE: NOTES: PHASE A -B C A C A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH S 'TN: P	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 62,345 AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER
PANEL: '1N7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 120 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART OUTLETS, BREAK RM PANEL: '1N8-2' MAINS: MAIN LUG ONLY LOCATION: WOOD SHOP, RM 101 PHYSICAL: 44h x 20w x 6d LOAD DESCRIPTION OUTLETS, OFFICE SOUTH OUTLETS, SHOP EAST OUTLETS, RR + SHOP CENTER OUTLET, AIR SCRUBBER OUTLET, AIR SCRUBBER OUTLET, AIR SCRUBBER OUTLETS, SHOP WEST	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1	MOU AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PHASE: 1=LIG AMPS: AMPS: AMPS: AMPS: AMPS: AMPS: AMPS 20 20 20 20 20 20 20 20 20 2	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53	176 2=RECE VA 360 360 360 720 960 960 960 360 900 0 1,500 1,200 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE: NOTES: PHASE ABC A	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 62,345 AVERAGE AMPS: 174 5=MISCELLANEOUS F=FEEDER
A HANDLE BLOCK DEVICE * HACR T LOAD TYPE (ENTER AT COLUM PANEL: 'IN7-2' MAINS: MAIN BREAKER LOCATION: ELEC. CLOSET, RM 12: PHYSICAL: 44h * 20w * 6d LOAD DESCRIPTION OUTLETS, DISHWASHING OUTLETS, COOKING OUTLETS, CATERING EQUIP 197. FLOOR WASH OUTLET 197. FLOOR WASH OUTLET OUTLETS, CUSTODIAL OUTLETS, RESTROOMS OUTLETS, BRK RM APPLIANCE BREAK RM MICROWAVE BREAK RM MICROWAVE BREAK RM VENDING MACHINE OUTLETS, BREAK RM 148. HEATED HOLDING CART	AMPS YPE N 'T 2 2 2 2 2 2 2 2 2 2 4 4 4 4 4 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1	PER MOUNT AIC F AFC P 1 1 1 1 1 1 1 1 1 1 1 1	### PHASE: 1 = LIG	#TING 200 SURFACE 10,000 7,629 CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 HTING #TING CT 01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53	176 2=RECE VA 360 360 720 960 960 960 360 900 0 1,500 1,200 1,200 1,440 900 0 1,920 1,920 1,920 1,920 1,920 1,920 1,920 1,920 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,76 1,176 1,	TYPE: NOTES: PHASE ABC AB	170 3=MOTORS 120/2 PANELBOAR BOTTOM FE 'MDA' VA 540 360 360 360 360 360 360 360 3	CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 CT 02 04 06 08 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54	AMPS 20 20 20 20 20 20 20 20 20 20 20 20 20	PH S 'TN: P	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	AVERAGE AMPS: 174 S=MISCELLANEOUS F=FEEDER S

PANEL: '1N5-2'			AMPS:	200		VOLTS:	120/2	80		PH	ASE:	3 WIRE: 4 NEMA: 1
MAINS: MAIN BREAKER		MOU	NTING:	SURFACE	1	TYPE:	PANELBOAR	D				
LOCATION: ELEC. CLOSET, RM 126	5 .	AIC R	ATING:	10,000		NOTES:	BOTTOM FE	ED VI	A TRANS	'TN	2'	
			: AMPS			FED FROM:						05-Nov-14
LOAD DESCRIPTION	Т	P	AMPS	CT	VA	PHASE	VA	СТ	AMPS	Р	Т	LOAD DESCRIPTION
. COOK CHILL TILTING KETTLE	3	3+	20	01	937	A	840	02	20	1	3	26. VACUUM TUMBLER #1
hp " "	3	-	-	03	937	B	840	04	20	1	3	26. VACUUM TUMBLER #2
11 11	3	-	-	05	937	C	3,002	06	30	3	3	27. MEAT / CHEESE SLICER
hunt Trip)	5	ST	-	07	0	A	3,002	08	-	-	3	" " exist is 120v 1ph
. STATIONERY STEAM KETTLE	3	3+	15	09	504	B	3,002	10	-	-	3	" " future 3ph
gal " "	3	-	-	11	504	C	600	12	20	1	3	23. HYDRAULIC WORK TABLE
11 11	3	-	-	13	504	A	541	14	20	2	3	29. PRODUCE WASH SINK
hunt Trip)	5	ST	-	15	0	B	541	16	-	-	3	11 11
. STATIONERY STEAM KETTLE	3	3+	15	17	504	C	8,400	18	90	3+	4	115. VULCAN CONVECTION OVEN
gal " "	თ	-	-	19	504	A	7,920	20	-	ı	4	" " VC66E
" "	თ	-	-	21	504	B	8,400	22	-	1	4	11 11
hunt Trip)	5	ST	-	23	0	C	0	24	-	ST	5	(Shunt Trip)
. RAPID CHILLER / COOK TANK	3	3	30	25	2,402	A	64	26	20	1	5	INSTANT GAS WATER HTR GWH-1
t load ""	თ	-	-	27	2,402	B	64	28	20	1	5	INSTANT GAS WATER HTR GWH-2
11 11	თ	-	-	29	2,402	C	64	30	20	1	5	INSTANT GAS WATER HTR GWH-3
. PUMP / FILL STATION	3	2	20	31	1,144	A	360	32	20	1	2	137. TABLE OUTLETS
" " MOBILE	3	-	-	33	1,144	B	360	34	20	1	2	139. TABLE OUTLETS
. TABLE OUTLETS	2	1	20	35	360	C	1,920	36	20	1	4	148. HEATED HOLDING CART
. HOBART MIXER	3	3	15	37	709	A	1,920	38	20	1	4	148. HEATED HOLDING CART
" " HL800	3	_	-	39	709	B	1,920	40	20	1	4	148. HEATED HOLDING CART
" 1 hp	3	-	-	41	709	C	1,920	42	20	1	4	148. HEATED HOLDING CART
		1	20	43	0	A	0	44	20	1		
		1	20	45	0	_	0	46	20	1		
		1	20	47	0		0	48	20	1		
		1	20	49	0		0	50	20	1		
		1	20	51	0	_	0	52	20	1		
		1	20	53	0	C	0	54	20	1		
VOLTAMPS, P HANDLE BLOCK DEVICE * HACR T	AMPS		B + C: PHASE:		20,847 174		21,322 178			= 5	TOTAI	KVA DEMAND: 63.5 CONNECTED VA: 63,495 AVERAGE AMPS: 177
LOAD TYPE (ENTER AT COLUM		1).	1=T.TG	HTING	2=RECE	L PTACLES	3=MOTOR:	g	4=RESIS'	TANCE	,	5=MISCELLANEOUS F=FEEDER

PANEL: '1N6-2'			AMPS:	200		VOLTS:	120/2	80		PHA	ASE:	3 WIRE: 4 NEMA: 1
MAINS: MAIN BREAKER		JOM	JNTING:	SURFACE		TYPE:	PANELBOAR	D				
LOCATION: ELEC. CLOSET, RM 126	; .	AIC F	RATING:	10,000		NOTES:	BOTTOM FE	ED VI	A TRANS	'TN2	•	
PHYSICAL: 44h x 20w x 6d		AFC	C AMPS:	7,629		FED FROM:	'MDA'					05-Nov-14
LOAD DESCRIPTION	Т	Р	AMPS	CT	VA	PHASE	VA	СТ	AMPS	Р	Т	LOAD DESCRIPTION
BAS CONTROL PANEL	5	1	20^	01	500	A	7,205	02	90	3	3	56. CONDENSING UNIT
FIRE ALARM CONTROL PANEL	5	1	20^	03	500	B	7,205	04	_	- 1	3	" " 15 hp
ACCESS CONTROL / SECURITY	5	1	20^	05	500	C	7,205	06	-	-	3	" " ON ROOF
196. TEMPERATURE MONITORING	5	1	20^	07	500	A	250	08	20^	1	5	47. HOOD FIRE SUPPRESSION SYS
TASTING RM STANDBY PWR	2	2	40	09	720	B	250	10	20^	1	5	95. HOOD FIRE SUPPRESSION SYS
CHEFS OFFICE STANDBY PWR	2	-	_	11	900	C	250	12	20^	1	5	114. HOOD FIRE SUPPRESSION SYS
4. LTS+DR HTRS, W.I. THAW COOLER	1	1	20	13	994	A	250	14	20^	1	5	126. HOOD FIRE SUPPRESSION SYS
1. LTS, W.I. RECV FREEZER	1	1	20	15	1,976	B	1,380	16	20	1	3	7. EVAP FANS, W.I. PREP COOLER
9. REACH-IN DR HTR, PREP COOLER	4	1	20	17	580	C	805	18	20	1	3	14. EVAP FANS, COLD PREP ROOM
191. LTS+DR HTR, W.I. HOLD COOLR	1	1	20	19	578	A	414	20	20	1	3	192. EVAP FANS, W.I. HOLD COOLER
146. LTS+DR HTR, W.I. BEV COOLER	1	1	20	21	464	B	207	22	20	1	3	147. EVAP FANS, W.I. BEV COOLER
189. LTS+DR HTR, W.I. COOK / CHI	1	1	20	23	1,182	C	828	24	20	1	3	190. EVAP FANS, W.I. COOK / CHIL
6. LTS+DR HTR, W.I. RECV COOLER	1	1	20	25	1,205	A	500	26	15	3	4	UNIT HEATER, MECH RM 128
193. LTS+DR HTR, W.I. HOLD FREEZ	1	1	20	27	558	B	500	28	-	-	4	" " EUH-1
73. BAKING TABLE OUTLET	2	1	20	29	180	C	500	30	_	-	4	" " 1.5 kw
64. EVAP FANS, BLAST CHILLER	3	3	40	31	3,603	A	1,100	32	15	3	4	UNIT HEATER, BOILER RM 127
11 11	3	-	-	33	3,603	B	1,100	34	-	-	4	" " EUH-2
11 11	3	-	-	35	3,603	C	1,100	36	-	-	4	" " 3.3 kw
68. HEATED HOLDING CART	4	1	20	37	1,920	A	180	38	20	1	2	75. BAKING TABLE OUTLET
68. HEATED HOLDING CART	4	1	20	39	1,920	B	90	40	20^	1	5	GAS RANGE SOLENOID VALVES
148. HEATED HOLDING CART	4	1	20	41	1,920	C	480	42	20^	1	5	SHUNT-TRIP CONTROL POWER
148. HEATED HOLDING CART	4	1	20	43	1,920	A	0	44	20	1		
OUTLETS, LOADING	2	1	20	45	360	B	0	46	20	1		
OUTLETS, LOADING	2	1	20	47	360	C	0	48	20	1		
		1	20	49	0	A	0	50	20	1		
		1	20	51	0	B	0	52	20	1		
		1	20	53	0	C	0	54	20	1		
			•									KVA DEMAND: 64.1
VOLTAMPS, P	HASE	A +	B + C:		21,119	20,833	20,393			= T	OTAI	L CONNECTED VA: 62,345
	AMPS	PER	PHASE:		176		1					AVERAGE AMPS: 174
^ HANDLE BLOCK DEVICE * HACR TY	/PE											
LOAD TYPE (ENTER AT COLUM	N 'T	1):	1=LIG	HTING	2=RECE	PTACLES	3=MOTOR:	5 4	1=RESIST	TANCE		5=MISCELLANEOUS F=FEEDER

May 2, 2014 REVISIONS $0 \ 06/18/14 \ SD - NO ISSUE$ $/1 \ 07/10/14 \ 50\% \ DD - NO ISSUE$ /2\08/08/14 100% DD SET /3\09/15/14 DD UPDATE 4\11/07/14 GMP CONFORMED

PROJECT NUMBER

65575

DESIGN BY

G. Anderson

DESIGN DATE

CHECK BY

A. Gibbs

DRAWN BY

A. Gibbs



ELECTRICAL CONSTRUCTION CO. 875 Wilson Street, Suite 'A' Eugene, OR 97402 PHONE (541) 345-0669 FAX (541) 345-1857

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Robertson Sherwood Architects pc

CHECK SET THIS DRAWING IS
PRELIMINARY
INCOMPLETE

Central Kitchen and Woodshop, Univ of Oregon Housing Dept.

1793 Columbia St. Eugene, OR 97403

SHEET TITLE **MAIN POWER & DISTRIBUTION PANEL CIRCUIT SCHEDULES**

SHEET NUMBER

