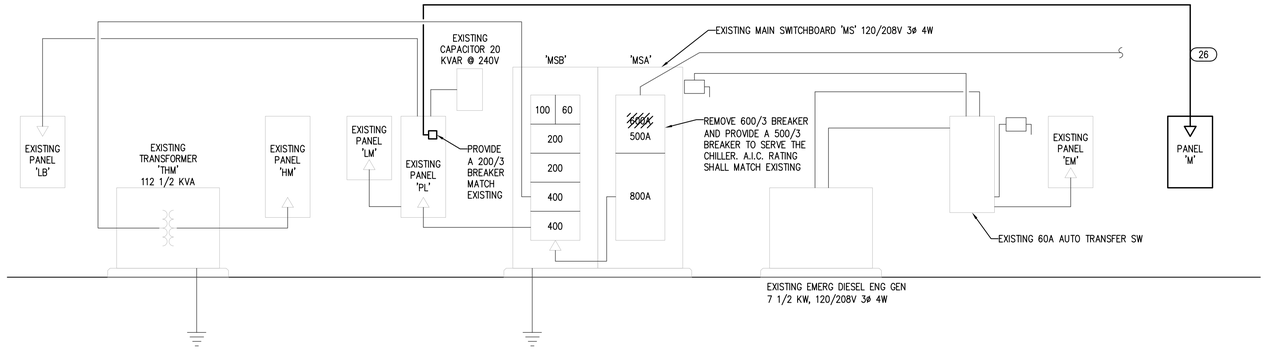

PARTIAL POWER RISER DIAGRAM

NO SCALE

1 / E200

FEEDSCHD 2011-03-23

FEEDER SCHEDULE

MARK	NOMINAL SIZE	WIRE AND CONDUIT
26	200 A	4-#3/0, #6 GND - 2-1/2"C.

E-Sched-LightSum 03-26-09

LIGHTING PANEL SCHEDULE

PANEL DESIGNATION	QUANTITY AND SIZE BRANCHES			REMARKS
	ACTIVE	SPARE	SPACE	
M 208/120V 3 PH, 4 W 225A MLO W/ GND. BAR SURFACE MOUNTED 42 POLES 0	8 20/1 4 70/3	1 15/3 6 20/1 1 30/3	10	

ST = SHUNT TRIP
G = GROUND FAULT CIRCUIT INTERRUPTER
A = ARC FAULT BREAKER

SCHEQUIPMENT CONNECTION 08-16-01

EQUIPMENT CONNECTION SCHEDULE

MARK	DESCRIPTION	HP	CIRCUIT BREAKER	VOLTS	PH	DISCONNECT	FEEDER	REMARKS
CH-1	CHILLER	-	500/3	208	3	600A 3P, NF	3#250 KCMIL, 1 #2 GROUND IN EACH OF TWO 2 1/2"C.	
CT-1	COOLING TOWER	10	70/3	208	3	100A, NF, RT NOTE 4	3#4, #8 GND AND #12 INTERLOCK WIRE IN 1 1/4"C	NOTE 1
P-3	PUMP	10	70/3	208	3	NOTE 1	3#4, #8 GND IN 1 1/4"C	NOTE 1
P-4	PUMP	10	70/3	208	3	NOTE 2	3#4, #8 GND IN 1 1/4"C	NOTE 3
P-5	PUMP	10	70/3	208	3	NOTE 2	3#4, #8 GND IN 1 1/4"C	NOTE 3

NOTES:

1. ROUTE THROUGH VARIABLE FREQUENCY CONTROLLER.
2. ROUTE THROUGH COMBINATION MOTOR STARTER/DISCONNECT.
3. PROVIDE A COMBINATION MOTOR STARTER/DISCONNECT.
4. WITH AUXILIARY CONTACTS.

FIXTSCHD 05-02-2011

LIGHTING FIXTURE SCHEDULE

FIXT NO.	MANUFACTURER	CATALOG NO. (NOTE 1)	LAMP DATA		VOLTS	MOUNTING	DESCRIPTION	REMARKS
			QUANTITY AND SIZE	TYPE				
1	LITHONIA	LA232MVOLT GEB10RS	2-32T8 3500K	F	120	CHAIN HUNG	INDUSTRIAL	NOTE 2
2	LITHONIA	LVS1R 120/277 ELN	INCLUDED WTIH FIXTURE	LED	120	WALL	EXIT LIGHT	
3	LITHONIA	IND618	INCLUDED WITH FIXTURE	I	120	WALL	EMERGENCY LIGHT	

NOTES:

1. CONTRACTOR TO VERIFY LIGHT FIXTURE CATALOG NUMBER AND INSTALLATION REQUIREMENTS PRIOR TO ORDERING. FOR EACH FIXTURE UTILIZING DOUBLE-ENDED FLUORESCENT LAMPS, PROVIDE INTEGRAL LUMINAIRE DISCONNECT. SEE SPECIFICATIONS.
2. WITH LAMP JACKETS.

DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop and other appropriate drawings or at site. Lay out and coordinate all work prior to installation to provide clearances required for operation, maintenance, and codes. Verify non-interference with other work. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.

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ELECTRICAL DETAILS, AND SCHEDULES

STATE OF NEBRASKA BEATRICE STATE DEVELOPMENTAL CENTER BUILDING NO. 4 CHILLER REPLACEMENT

BEATRICE NEBRASKA

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PROFESSIONAL ELECTRICAL ENGINEER THOMAS J. THIBODEAU E-6898 STATE OF NEBRASKA
5/20/13

Designed: RCF	File Name: 20123192E200
Drawn: JRA	Project No.: 20123192
Checked: TJT	Drawing No.: E200
Date: 05/20/2013	

May 22, 2013 3:55pm 20123192E200.dwg jadams