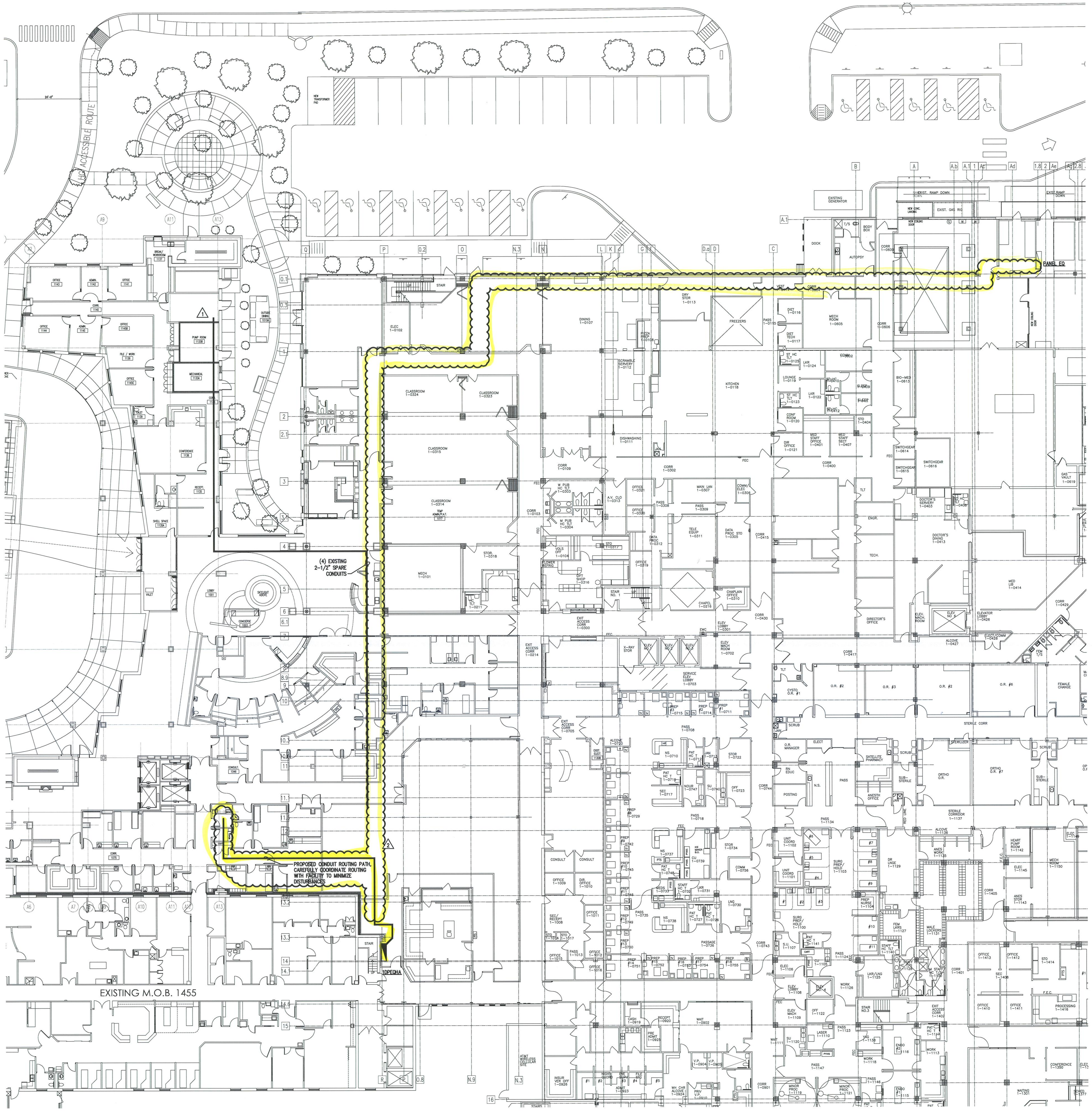
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01 PARTIAL FIRST FLOOR PLAN - OVERALL
SCALE: 1/16" = 1'-0"

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South Campus
Cath Lab
Aurora, Colorado 80012
HCA
Project # 306660005

In association with:

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KEY PLAN
FIRST FLOOR

EXISTING HOSPITAL
EXISTING MOB

COLORADO LICENSED PROFESSIONAL ENGINEER
MARK AARON MONTGOMERY
41486
08/18/09

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Revisions

NO.	ISSUE	DATE
1	ADDENDUM #2	04-22-09
2	CCD #03	08-13-09

Sheet Information

Date	03-06-2009
Job Number	142542.000
Drawn	MM
Checked	MM
Approved	MM

Title
POWER OVERALL PLAN FIRST FLOOR

Sheet
E-2000

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09-422053

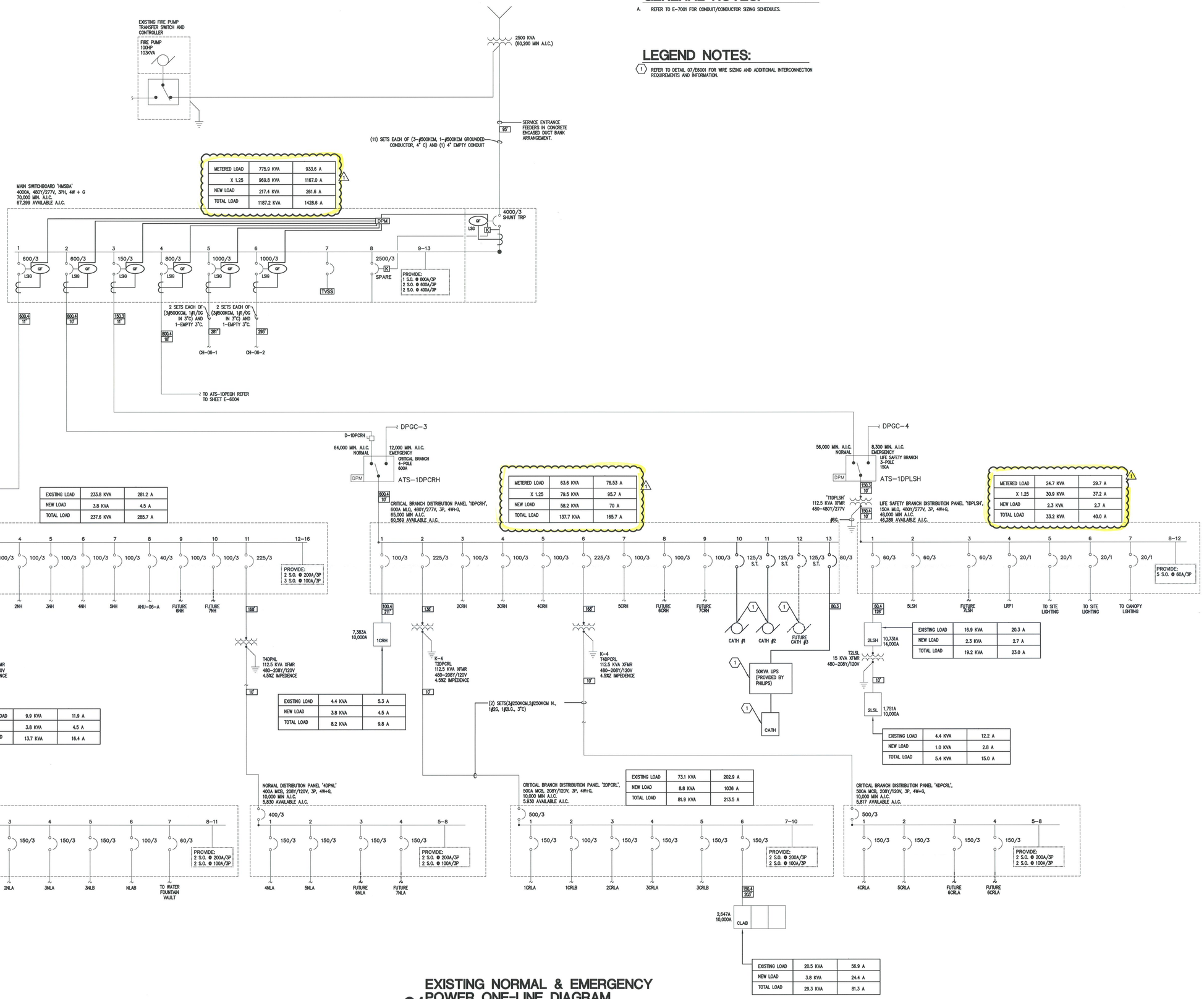
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GENERAL NOTES:

A. REFER TO E-7001 FOR CONDUIT/CONDUCTOR SIZING SCHEDULES.

LEGEND NOTES:

(1) REFER TO DETAIL 07/E6001 FOR WIRE SIZING AND ADDITIONAL INTERCONNECTION REQUIREMENTS AND INFORMATION.



01 EXISTING NORMAL & EMERGENCY POWER ONE-LINE DIAGRAM

NO SCALE

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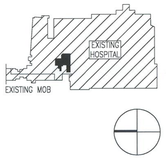
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KEY PLAN
FIRST FLOOR



COLORADO LICENSED
JASON MONTGOMERY
41466
06/18/09
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Revisions

NO.	ISSUE	DATE
1	CCD #03	08-13-09

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Sheet Information

Date	03-06-2009
Job Number	142542.000
Drawn	MM
Checked	MM
Approved	MM

Title

ELECTRICAL ONE-LINE DIAGRAM

Sheet

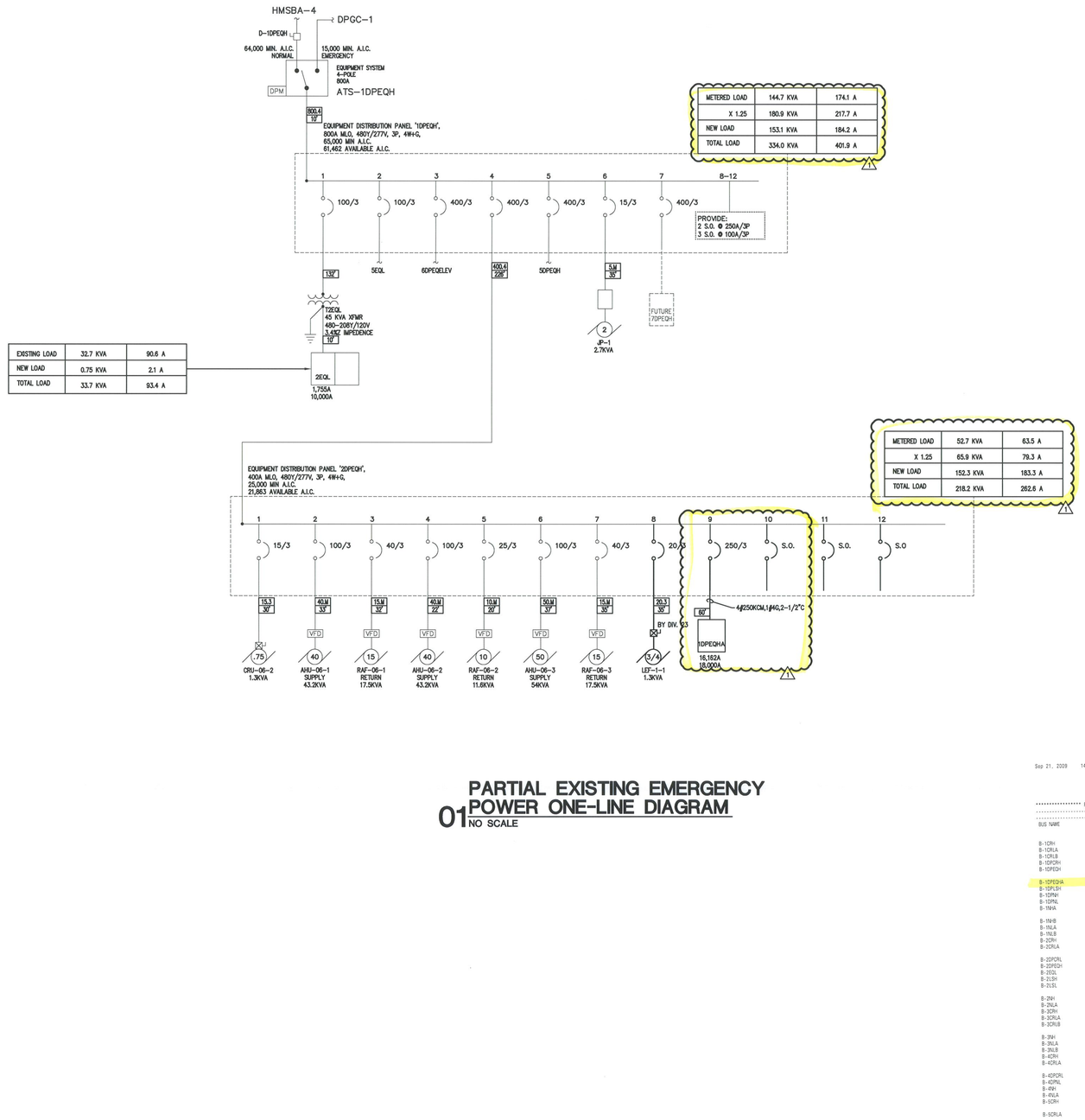
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GENERAL NOTES:

A. REFER TO E-7001 FOR CONDUIT/CONDUCTOR SIZING SCHEDULES.



01 PARTIAL EXISTING EMERGENCY POWER ONE-LINE DIAGRAM

NO SCALE

Sep 21, 2009 14:10:55 PAGE 124

FAULT ANALYSIS SUMMARY

BUS NAME	VOLTAGE L-L	AVAILABLE FAULT CURRENT 3 PHASE	X/R	LINE/GRND	X/R
B-1DN	480.	7377.8	0.4	0.04	1.0
B-1DNLA	208.	3244.4	0.8	2938.21	0.8
B-1DNLB	208.	2992.1	0.7	2681.68	0.7
B-1DPDPH	480.	60132.8	4.3	0.04	1.0
B-1DPEQH	480.	60982.2	4.2	0.04	1.0
B-1DPEQHA	480.	16162.8	1.0	0.04	1.0
B-1DPLSH	480.	48034.3	1.5	0.04	1.0
B-1DPNH	480.	62993.0	4.9	0.04	1.0
B-1DPNL	208.	6474.1	1.5	6532.57	1.4
B-1NHA	480.	7555.3	0.4	0.04	1.0
B-1NHB	480.	47353.9	1.6	0.04	1.0
B-1NLA	208.	2117.6	0.7	2356.71	0.7
B-1NLB	208.	6046.8	1.3	5981.27	1.3
B-2DN	480.	10859.1	0.5	0.04	1.0
B-2DNLA	208.	5618.3	1.3	5728.36	1.3
B-2DPDRL	208.	5928.2	1.3	6151.59	1.4
B-2DPEQH	480.	21811.3	1.0	0.04	1.0
B-2EQL	208.	1755.3	0.5	1795.15	0.5
B-2LSH	480.	10720.3	0.5	0.04	1.0
B-2LSL	208.	1750.7	0.5	1787.55	0.5
B-2NH	480.	12225.3	0.5	0.04	1.0
B-2NLA	208.	3650.7	0.8	3266.12	0.8
B-3DN	480.	9801.8	0.4	0.04	1.0
B-3DNLA	208.	5147.9	1.1	5114.48	1.1
B-3DNLB	208.	5333.5	1.2	5302.62	1.2
B-3NH	480.	11102.2	0.5	0.04	1.0
B-3NLA	208.	3451.2	0.8	3065.06	0.8
B-3NLB	208.	3426.2	0.8	3041.16	0.8
B-4DN	480.	9099.3	0.4	0.04	1.0
B-4DNLA	208.	5515.6	1.2	5656.81	1.2
B-4DPDRL	208.	5815.3	1.3	6070.34	1.4
B-4DPNL	208.	5828.1	1.3	6079.65	1.4
B-4NH	480.	10101.7	0.4	0.04	1.0
B-4NLA	208.	3085.4	0.7	2789.50	0.7
B-5DN	480.	8414.5	0.4	0.04	1.0
B-5DNLA	208.	5110.4	1.1	5121.05	1.1

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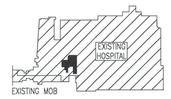
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KEY PLAN

FIRST FLOOR



COLORADO LICENSED MARK A. MORRIS 37415 PROFESSIONAL ENGINEER 09/18/09

Revisions

NO.	ISSUE	DATE
1	CCD #03	08-13-09

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Sheet Information

Date	03-06-2009
Job Number	142542.000
Drawn	MM
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Approved	MM

Title

ELECTRICAL ONE-LINE DIAGRAM

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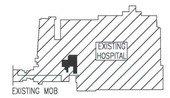
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KEY PLAN

FIRST FLOOR





Revisions

1B	ADDENDUM #1B	04-29-09
2	CHANGE DIRECTIVE #01	05-18-09
3	CCD #03	08-13-09

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NO.	ISSUE	DATE

Sheet Information

Date	03-06-2009
Job Number	142542.000
Drawn	MM
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Approved	MM

Title

ELECTRICAL
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E-5003

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CITY OF AURORA
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DATE APPROVED SEP 22 2009
09-422053

DISTRIBUTION PANEL: 1DPEQHA — EQUIPMENT

FED FROM: 2DPEQH 2
LOCATION: CORRIDOR 1098
MAIN BUS: 400A
MCB: N/A
VOLTAGE: ~~480/277~~ 208/120 2
AIC: 18,000A

WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Recessed
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	LOAD (VA) LTS	RCPTS	MTRS	HEAT	MISC	CIRCUIT BREAKER AMPS	POLES	REMARKS
1	H-1-1	72000				72000		125	3	
2	AHU-1-1 SF	33333			33333			90	3	30 HP
3	AHU-1-1 RF	17500			17500			45	3	15 HP
4	CRAC-1 CONDENSING UNIT	6150			6150			20	3	
5	CRAC-1	10968			10968			20	3	
6	HUMIDIFIER CONTROLS	500					500	20	1	
7	AHU CONTROLS	500					500	20	1	
8	VAV CONTROLS	500					500	20	1	
9	F/S DAMPERS	500					500	20	1	
10	PHP-1-1	500			500			20	1	
11	SPARE	--						--	3	
12	SPARE	--						--	3	
13	SPARE	--						--	3	
14	SPARE	--						--	3	
15	SPARE	--						--	3	

NOTES:

'1DPEQHA' LOAD SUMMARY

	LTS	RCPTS	MTRS	HEAT	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	0.0	0.0	68.5	72.0	2.0	142.5	171.3
DEMAND FACTOR	SEE DEMAND FACTOR TABLE						
TOTAL DEMAND LOAD	0.0	0.0	76.3	72.0	2.0	150.3	180.7
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00	1.00	1.00		
TOTAL DESIGN LOAD	0.0	0.0	76.3	72.0	2.0	150.3	180.7

PANEL: CATH — CRITICAL

LOCATION: UPS 1104
MAIN BUS: 100A
MCB: N/A
VOLTAGE: 480/277
AIC: 14,000A

FED FROM: UPS
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: Yes

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	POLES	PHASE	CIRCUIT BREAKER AMPS	POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
1	CATH #1	--	50	3	A	50	3	--	CATH #3	2
3		--			B			--		4
5		--			C			--		6
7	CATH #2	--	50	3	A		3	--	S.O.	8
9		--			B			--		10
11		--			C			--		12

NOTES:
REFER TO 07/E6001 FOR ADDITIONAL PANEL INFORMATION.

'CATH' LOAD SUMMARY

	LTS	RCPTS	X-RAY	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	0.0	0.0	0.0	0.0	0.0	0.0
DEMAND FACTOR	SEE DEMAND FACTOR TABLE					
TOTAL DEMAND LOAD	0.0	0.0	0.0	0.0	0.0	0.0
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00	1.00		
TOTAL DESIGN LOAD	0.0	0.0	0.0	0.0	0.0	0.0

EXISTING PANEL: 2LSH — LIFE SAFETY

LOCATION: ELEC. 2094
MAIN BUS: 100A
MCB: N/A
VOLTAGE: 480/277
AIC: 14,000A

FED FROM: 1DPLSH
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: No

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	POLES	PHASE	CIRCUIT BREAKER AMPS	POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
1	LTG. CORRIDORS 2ND FL.	3036	20	1	A	**20**	**1**	**470**	**LTG. CATH LAB**	**2**
3	LTG. CORRIDORS 3RD FL.	2400	20	1	B	20	1	--	SPARE	4
5	SPARE	--	20	1	C	20	1	--	SPARE	6
7	LTG. CORRIDORS 1ST FL.	3200	20	1	A	20	1	--	SPARE	8
9	LTG. CORRIDORS 1ST FL.	1400	20	1	B	20	1	--	SPARE	10
11	SPARE	--	20	1	C	20	1	--	SPARE	12
13	SPARE	--	20	1	A	20	1	--	SPARE	14
15	SPARE	--	20	1	B	20	1	--	SPARE	16
17	SPARE	--	20	1	C	20	1	--	SPARE	18
19	SPARE	--	20	1	A	20	1	--	SPARE	20
21	SPARE	--	20	1	B	20	1	--	SPARE	22
23	SPARE	--	20	1	C	20	1	--	SPARE	24
25	SPARE	--	20	1	A	20	1	--	SPARE	26
27	SPARE	--	20	1	B	20	1	--	SPARE	28
29	SPARE	--	20	1	C	20	1	--	SPARE	30
31	SPARE	--	20	1	A	20	1	--	SPARE	32
33	SPARE	--	20	1	B	20	1	--	SPARE	34
35	SPARE	--	20	1	C	20	1	--	SPARE	36
37	SPARE	--	20	1	A	25	3	2700	PANEL '2LSL'	38
39	SPARE	--	20	1	B			1700	VIA XFMR	40
41	SPARE	--	20	1	C			1700	"	42

NOTES:

'2LSH' LOAD SUMMARY

	LTS	RCPTS	HSPTL	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	10.5	0.0	1.2	4.9	16.6	20.0
DEMAND FACTOR	SEE DEMAND FACTOR TABLE					
TOTAL DEMAND LOAD	11.0	0.0	0.4	5.0	16.4	19.7
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00	1.00		
TOTAL DESIGN LOAD	13.8	0.0	0.4	5.0	19.2	23.0

EXISTING PANEL: 2LSL — LIFE SAFETY

LOCATION: ELEC. 2094
MAIN BUS: 100A
MCB: N/A
VOLTAGE: 208/120
AIC: 10,000A

FED FROM: 2LSH
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: No

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	POLES	PHASE	CIRCUIT BREAKER AMPS	POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
1	J-BOX AUTO DOOR 1ST FL.	1000	20	1	A	**20**	**1**	**500**	**MGAA - CATH SUITE**	**2**
3	MGAP RM'S 2097-2083	400	20	1	B	**20**	**1**	**500**	**AUTO DOORS - CATH SUITE**	**4**
5	MGAP RM 3060	400	20	1	C	20	1	--	SPARE	6
7	MGAP RM. 1022A	400	20	1	A	20	1	--	SPARE	8
9	J-BOX AUTO DOOR 2ND FL.	400	20	1	B	20	1	--	SPARE	10
11	J-BOX AUTO DOOR 3RD FL.	400	20	1	C	20	1	--	SPARE	12
13	3RD FLOOR FIRE ALARM NAC	400	20	1	A	20	1	--	SPARE	14
15	2ND FLOOR FIRE ALARM NAC	400	20	1	B	20	1	--	SPARE	16
17	1ST FLOOR FIRE ALARM NAC	400	20	1	C	20	1	--	SPARE	18
19	1ST FLOOR FIRE ALARM NAC	400	20	1	A	20	1	--	SPARE	20
21	FACP1	500	20	1	B	20	1	--	SPARE	22
23	FACP2	500	20	1	C	20	1	--	SPARE	24
25	SPARE	--	20	1	A	20	1	--	SPARE	26
27	SPARE	--	20	1	B	20	1	--	SPARE	28
29	SPARE	--	20	1	C	20	1	--	SPARE	30
31	SPARE	--	20	1	A	20	1	--	SPARE	32
33	SPARE	--	20	1	B	20	1	--	SPARE	34
35	SPARE	--	20	1	C	20	1	--	SPARE	36
37	SPARE	--	20	1	A	20	1	--	SPARE	38
39	SPARE	--	20	1	B	20	1	--	SPARE	40
41	SPARE	--	20	1	C	20	1	--	SPARE	42

NOTES:

'2LSL' LOAD SUMMARY

	LTS	RCPTS	HSPTL	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	0.0	0.0	1.2	5.4	6.6	18.3
DEMAND FACTOR	SEE DEMAND FACTOR TABLE					
TOTAL DEMAND LOAD	0.0	0.0	0.4	5.0	5.4	15.0
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00	1.00		
TOTAL DESIGN LOAD	0.0	0.0	0.4	5.0	5.4	15.0

EXISTING DISTRIBUTION PANEL: 1DPCRH — CRITICAL

FED FROM: DPGC
LOCATION: MAIN ELEC. 1133
MAIN BUS: 600A
MCB: 500A
VOLTAGE: 480/277
AIC: 65,000A

WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Circuit Breaker

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	LOAD (VA) LTS	RCPTS	MTRS	HSPTL	X-RAY	MISC	CIRCUIT BREAKER AMPS	POLES	REMARKS
1	PANEL '1CRH'	13500	2040			11460			100	3	
2	PANEL '2DPCRL' VIA XFMR	268540		22120		243076		3344	225	3	
3	PANEL '2CRH'	13442				13442			100	3	
4	PANEL '3CRH'	5500				5500			100	3	
5	PANEL '4CRH'	13226				13226			100	3	
6	PANEL '4DPCRL' VIA XFMR	136130	734	22560		112336		500	225	3	
7	PANEL '5CRH'	69496			55770	13726			100	3	
8	SPARE	--							--	3	FUTURE 6TH FLOOR
9	SPARE	--							--	3	FUTURE 7TH FLOOR
10	**CATH #1**	**49860**					**49860**		**125**	**3**	
11	**CATH #2**	**49860**					**49860**		**125**	**3**	
12	**FUTURE CATH #3**	**49860**					**49860**		**125**	**3**	
13	**UPS**	**12465**						**12465**	**80**	**3**	
14	SPACE	--							--	3	100A FRAME

NOTES:

'1DPCRH' LOAD SUMMARY

	LTS	RCPTS	MTRS	HSPTL	X-RAY	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	2.8	44.7	55.8	412.8	149.6	16.3	681.9	820.2
DEMAND FACTOR	SEE DEMAND FACTOR TABLE							
TOTAL DEMAND LOAD	3.0	27.5	64.3	92.6	42.5	16.0	245.8	295.7
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00	1.00	1.00	1.00		
TOTAL DESIGN LOAD	3.8	27.5	64.3	92.6	42.5	16.0	246.6	296.6

EXISTING DISTRIBUTION PANEL: 2DPEQH — EQUIPMENT

FED FROM: 1DPEQH 1
LOCATION: MECH. 2042
MAIN BUS: 400A
MCB: N/A
VOLTAGE: 480/277
AIC: 65,000A

WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	LOAD (VA) LTS	RCPTS	MTRS	HSPTL	HEAT	MISC	CIRCUIT BREAKER AMPS	POLES	REMARKS
1	CRU-06-02	--							15	3	.75 HP
2	AHU-06-1	--							100	3	40 HP
3	RAF-06-1	--							40	3	15 HP
4	AHU-06-2	--							100	3	40 HP
5	RAF-06-2	--							25	3	10 HP
6	AHU-06-3	--							125	3	50 HP
7	RAF-06-3	--							40	3	15 HP
8	**LEF-1-1**	**1332**				**1332**			**20**	**3**	
9	**PANEL '1DPEQHA'**	**142451**				**68451**		**72000**	**250**	**3**	
10	**S.O.**	--						**2000**	--	**3**	
11	**S.O.**	--							--	**3**	
12	**S.O.**	--							--	**3**	

NOTES:

EXISTING PANEL: 2EQL — EQUIPMENT

LOCATION: ELEC. 2094
MAIN BUS: 225A
MCB: 150A
VOLTAGE: 208/120
AIC: 10,000A

FED FROM: 1DPEQH
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Circuit Breaker

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: Yes

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	POLES	PHASE	CIRCUIT BREAKER AMPS	POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
	SPARE	500	20	1	A	20	1	500	J-BOX FIRE SM. DAM. 1ST FL.	2
3	SPARE	500	20	1	B	20	1	500	J-BOX VAV BOXES 1ST FL	4
5	J-BOX FIRE SM. DAM. 3RD FL.	500	20	1	C	20	1	500	J-BOX FIRE SM. DAM. 1ST FL.	6
7	J-BOX VAV BOXES 3RD FL	500	20	1	A	20	1	500	J-BOX VAV BOXES 1ST FL	8
9	SUMP PUMP ELEV #1	400	20	1	B	20	1	400	J-BOX COIL. SMK DOOR 1ST FL.	10
11	SUMP PUMP ELEV #2	400	20	1	C	20	1	600	J-BOX COIL. SMK DOOR 2ND FL.	12
13	SUMP PUMP ELEV #3	400	20	1	A	20	1	600	J-BOX COIL. SMK DOOR 3RD FL.	14
15	SUMP PUMP ELEV #4	400	20	1	B	20	1	500	J-BOX FIRE SM. DAM. 1ST FL.	16
17	J-BOX FIRE SM. DAM. 1ST FL.	500	20	1	C	20	1	500	J-BOX VAV BOXES 1ST FL	18
19	J-BOX VAV BOXES 1ST FL	500	20	1	A	20	1	500	3RD FLOOR DDC CONTROLS	20
21	J-BOX FIRE SM. DAM. 1ST FL.	500	20	1	B	20	1	500	2ND FLOOR DDC CONTROLS	22
23	J-BOX VAV BOXES 1ST FL	500	20	1	C	20	1	500	2ND FLOOR DDC CONTROLS	24
25	J-BOX PTS	500	20	1	A	20	1	1000	J-BOX PTS	26
27	J-BOX PTS	500	20	1	B	20	1	500	J-BOX PTS TRANSFER	28
29	J-BOX PTS	500	20	1	C	20	1	500	J-BOX PTS TRANSFER	30
31	J-BOX PTS	500	20	1	A	20	1	500	J-BOX PTS TRANSFER	32
33	J-BOX PTS TRANSFER	500	20	1	B	20	1	500	J-BOX FIRE SM. DAM. 1ST FL.	34
35	1ST FLOOR DDC CONTROLS	500	20	1	C	20	1	--	SPARE	36
37	SPARE	--	20	1	A	20	1	--	SPARE	38
39	SPARE	--	20	1	B	**20**	**1**	**750**	**HEAT TRACE**	**40**
41	SPARE	--	20	1	C	20	1	--	SPARE	42

NOTES:

EXISTING PANEL: 2EQL (SECTION 2) — EQUIPMENT

LOCATION: ELEC. 2094
MAIN BUS: 225A
MCB: N/A
VOLTAGE: 208/120
AIC: 10,000A

WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: No

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	POLES	PHASE	CIRCUIT BREAKER AMPS	POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
43	GEF-06-3 1/4 HP	667	15	1	A	20	1	1127	GEF-06-4 1/2 HP	44
45	GEF-06-5 1/3 HP	828	15	1	B	20	1	--	SPARE	46
47	PHP-06-1 1/4 HP	667	15	1	C	15	1	667	PHP-06-2 1/4 HP	48
49	PHP-06-3 1/4 HP	667	15	1	A	20	1	500	PRE-ACTION CNTRL PANEL	50
51	DRY PIPE COMPRESSOR	1127	20	1	B	20	1	1627	PRE-ACTION COMPRESSOR	52
53	J-BOX COILING FIRE DOOR 2ND	500	20	1	C	20	1	500	J-BOX FIRE SM. DAM. 2ND FL.	54
55	J-BOX FIRE SM. DAM. 2ND FL.	500	20	1	A	20	1	500	J-BOX FIRE SM. DAM. 2ND FL.	56
57	J-BOX FIRE SM. DAM. 2ND FL.	500	20	1	B	20	1	500	J-BOX FIRE SM. DAM. 2ND FL.	58
59	J-BOX FIRE SM. DAM. 2ND FL.	500	20	1	C	20	1	500	J-BOX VAV BOXES 2ND FL	60
61	J-BOX VAV BOXES 2ND FL	500	20	1	A	20	1	500	J-BOX VAV BOXES 2ND FL	62
63	J-BOX VAV BOXES 2ND FL	500	20	1	B	20	1	500	J-BOX VAV BOXES 2ND FL	64
65	J-BOX VAV BOXES 2ND FL	500	20	1	C	20	1	--	SPARE	66
67	GEN QUICK CONNECT HEAT	500	20	1	A	20	1	--	SPARE	68
69	SPARE	--	20	1	B	20	1	--	SPARE	70
71	SPARE	--	20	1	C	20	1	--	SPARE	72
73	SPARE	--	20	1	A	20	1	--	SPARE	74
75	SPARE	--	20	1	B	20	1	--	SPARE	76
77	SPARE	--	20	1	C	20	1	--	SPARE	78
79	SPARE	--	20	1	A	20	1	--	SPARE	80
81	SPARE	--	20	1	B	20	1	--	SPARE	82
83	SPARE	--	20	1	C	20	1	--	SPARE	84

NOTES:

'2EQL' LOAD SUMMARY

	LTS	RCPTS	MTRS	HSPTL	HEAT	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	0.0	0.0	6.9	0.8	0.8	24.9	33.3	92.5
DEMAND FACTOR	SEE DEMAND FACTOR TABLE							
TOTAL DEMAND LOAD	0.0	0.0	7.3	0.4	1.0	25.0	33.7	93.4
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00	1.00	1.00	1.00		
TOTAL DESIGN LOAD	0.0	0.0	7.3	0.4	1.0	25.0	33.7	93.4

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE ~~APPROVED~~ SEP 2 2 2009

	1EQDPHA	1DPCRH1
	CATH	2DPEQH
	2LSH	2EQL SEC 1
	2LSL	2EQL SEC 2

09-422053 1

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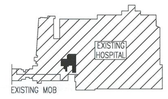
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KEY PLAN
FIRST FLOOR







Revisions

NO.	ISSUE	DATE
1	ADDENDUM #2	04-22-09
2	CHANGE DIRECTIVE #01	05-18-09
3	CCD #03	08-13-09

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Sheet Information

Date	03-06-2009
Job Number	142542.000
Drawn	MM
Checked	MM
Approved	MM

Title
ELECTRICAL SCHEDULES

Sheet
E-7002

Issued for Construction

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