

12/6/2021 11:08:50 AM BIM 360://45357.00 HCA Lake City Medical Center 10 bed med surg Expansion R21/ICT_210404_E21_Central.rvt

SYMBOLS GENERAL NOTES:

- A. ALL MOUNTING HEIGHTS GIVEN IN THE LEGEND, SCHEDULES, PLANS, AND DRAWING NOTES ARE TO THE CENTERLINE OF THE DEVICE, UNLESS OTHERWISE NOTED.
- B. INSTALL ALL SWITCHES AT A CENTERLINE HEIGHT OF 46" A.F.F. UNLESS OTHERWISE NOTED. WHERE SWITCHES OR RECEPTACLES ARE MOUNTED ABOVE CASEWORK OR MILLWORK, LOCATE AT A HEIGHT OF 3'-8" MAX. ABOVE FINISH FLOOR OR 3" ABOVE BACKSPASH TO CENTERLINE.
- C. WHERE COVERPLATES COMPLY WITH CASEWORK OR MILLWORK, SLIGHTLY ADJUST THE MOUNTING HEIGHTS OF THE WIRING DEVICES TO MAKE THE COVERPLATES CLEAR THE COUNTERTOP OR BACKSPASH BY 1".
- D. ADDITIONAL SYMBOLS MAY BE SHOWN OR DENOTED ON OTHER SHEETS.
- E. ALL SYMBOLS, NOTES, AND ABBREVIATIONS SHOWN ON THE LEGEND ARE NOT NECESSARILY USED IN THIS SET OF CONTRACT DOCUMENTS.
- F. NUMERICAL SUBSCRIPT ADJACENT TO DEVICE FIXTURE, EQUIPMENT OR JUNCTION BOX SYMBOL ON THE DRAWINGS DENOTES THE PANELBOARD CIRCUIT NUMBER TO WHICH DEVICE, FIXTURE, EQUIPMENT OR WIRING IN JUNCTION BOX IS CONNECTED.

NOT ALL FIXTURES WILL APPLY TO THIS PROJECT	BSXB LED 16C 700 40K SYM	39W LED	3.5' BOLLARD	PARKING/SITE BOLLARD LIGHTING TYPE VS DISTRIBUTION
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2950 KRAFT DRIVE
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www.ictthomasson.com
ICT Project No. 210404

 1966
SDL
STRUCTURAL
ENGINEERS

General Contractors
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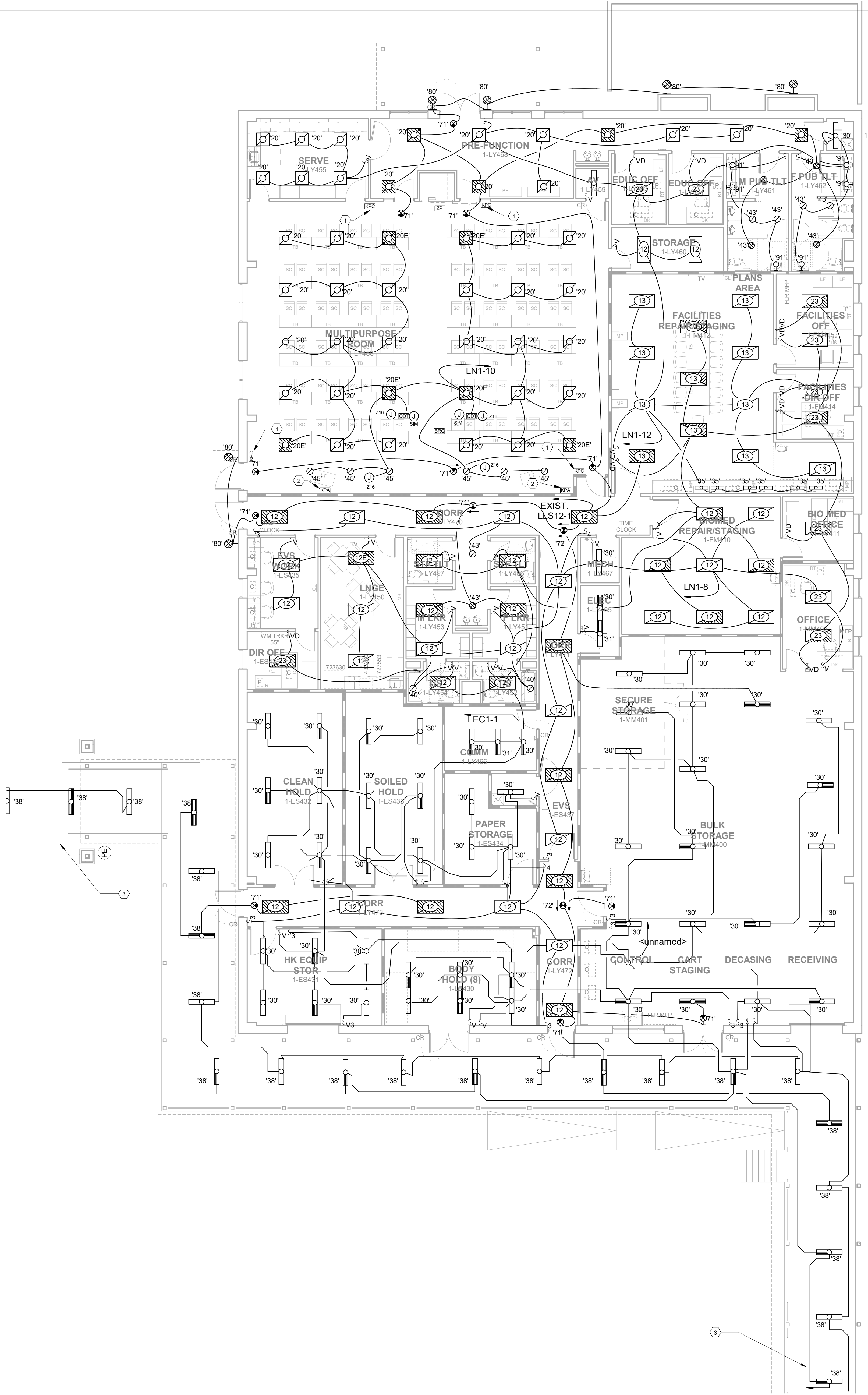
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ELECTRICAL LEGEND & FIXTURE SCHEDULE

PROJECT: 45057.00
DATE: 12/06/2021

Drawn By: Author
Checked By: Checker
Approved By: Approver

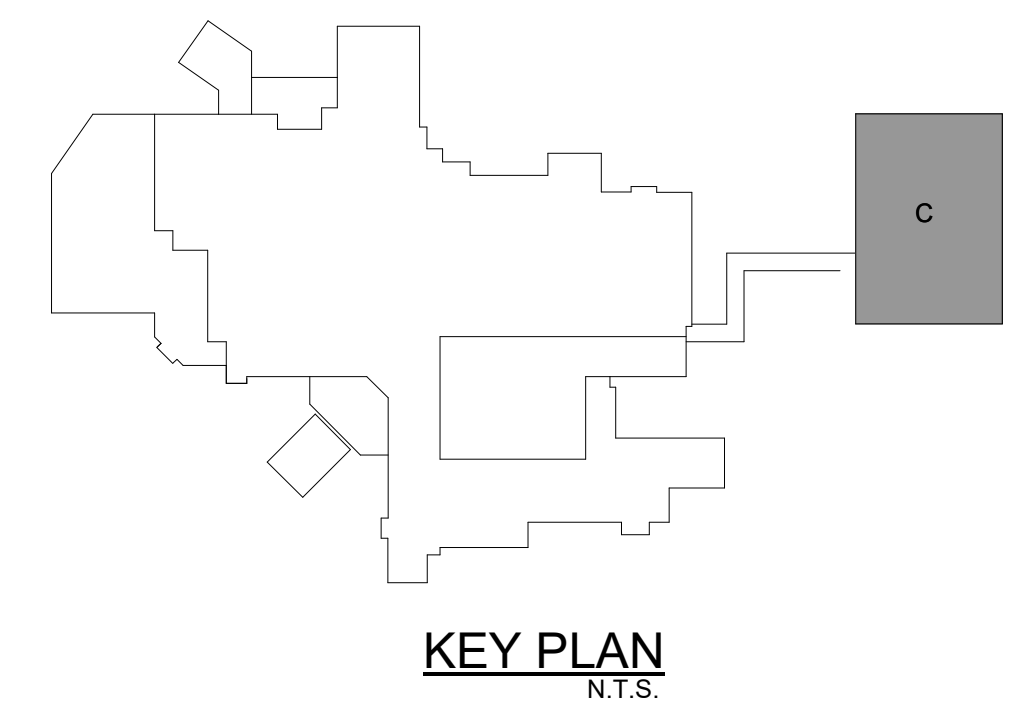


1 LIGHTING - FIRST FLOOR ANCILLARY BUILDING PLAN
1/8" = 1'-0"

- LEGEND**
- TYPE A - 1 HOUR FIRE BARRIERS TO REMAIN
 - TYPE B - 1 HOUR SMOKE BARRIERS TO REMAIN
 - TYPE C - 2 HOUR FIRE BARRIERS TO REMAIN
 - TYPE D - 2 HOUR SMOKE BARRIERS TO REMAIN
 - TYPE N - NON-RATED PARTITION TO REMAIN
 - TYPE S - SMOKE RESISTANT PARTITION TO REMAIN
 - TYPE A - 1 HOUR FIRE BARRIERS
 - TYPE B - 1 HOUR SMOKE BARRIERS
 - TYPE C - 2 HOUR FIRE BARRIERS
 - TYPE N - NON-RATED PARTITION
 - TYPE S - SMOKE RESISTANT PARTITION

- NOTES:**
- CONTRACTOR TO SUPPLY AND INSTALL A WIRELESS PARTITION SENSOR SYSTEM WITH WIRELESS DIMMING STATIONS AT EACH DOOR OF CLASSROOMS. FOR SEPERATE OF FULL CONTROL OF BOTH ROOMS AT ANY DOOR. SYSTEM TO BE EQUAL TO CRESTRON ZUMMESH SENSORS, AND SWITCHES. ZONE 1 (TYPE '20' FIXTURES IN THE CLASS ROOM. ZONE 2 TYPE '45' DOWN LIGHTS AT FRONT OF CLASS ROOM).
 - WIRELESS KEYPAD AT THIS LOCATION CONTROLS ONLY THE LIGHTS AT THE FRONT OF THE CLASS ROOM.
 - REFER TO SHEET E201D FOR CONTINUATION OF CANOPY LIGHTING.

CRESTRON KEY PLAN	
SYMBOL	DESCRIPTION
[QDT]	GLA-DT-QUATTRO
[AV]	ZUMMESH-AVBRIDGE
Z16 [J]	ZUMMESH-JBOX-16A-LV
SIM [J]	ZUMMESH-JBOX-SIM
[KPA]	ZUMMESH-KP10ABATT
[KPC]	ZUMMESH-KP10CBATT
[BRG]	ZUMMESH-NETBRIDGE
[ZP]	ZUMMESH-PART



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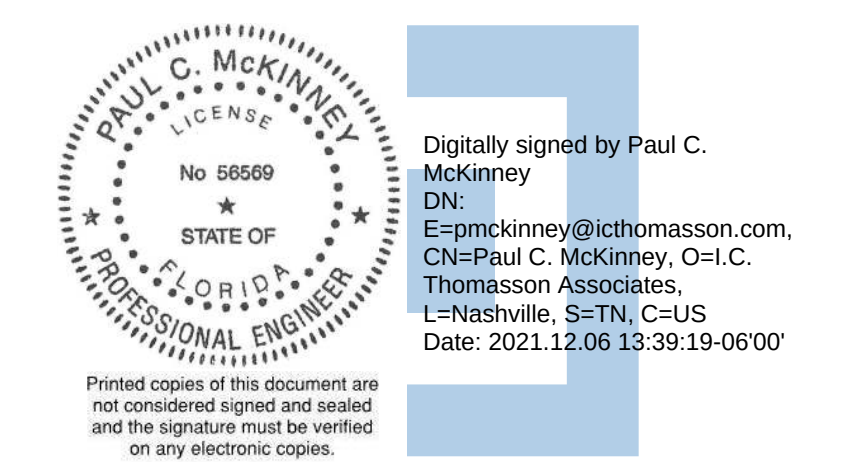


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HCA Project No.: 3793800011

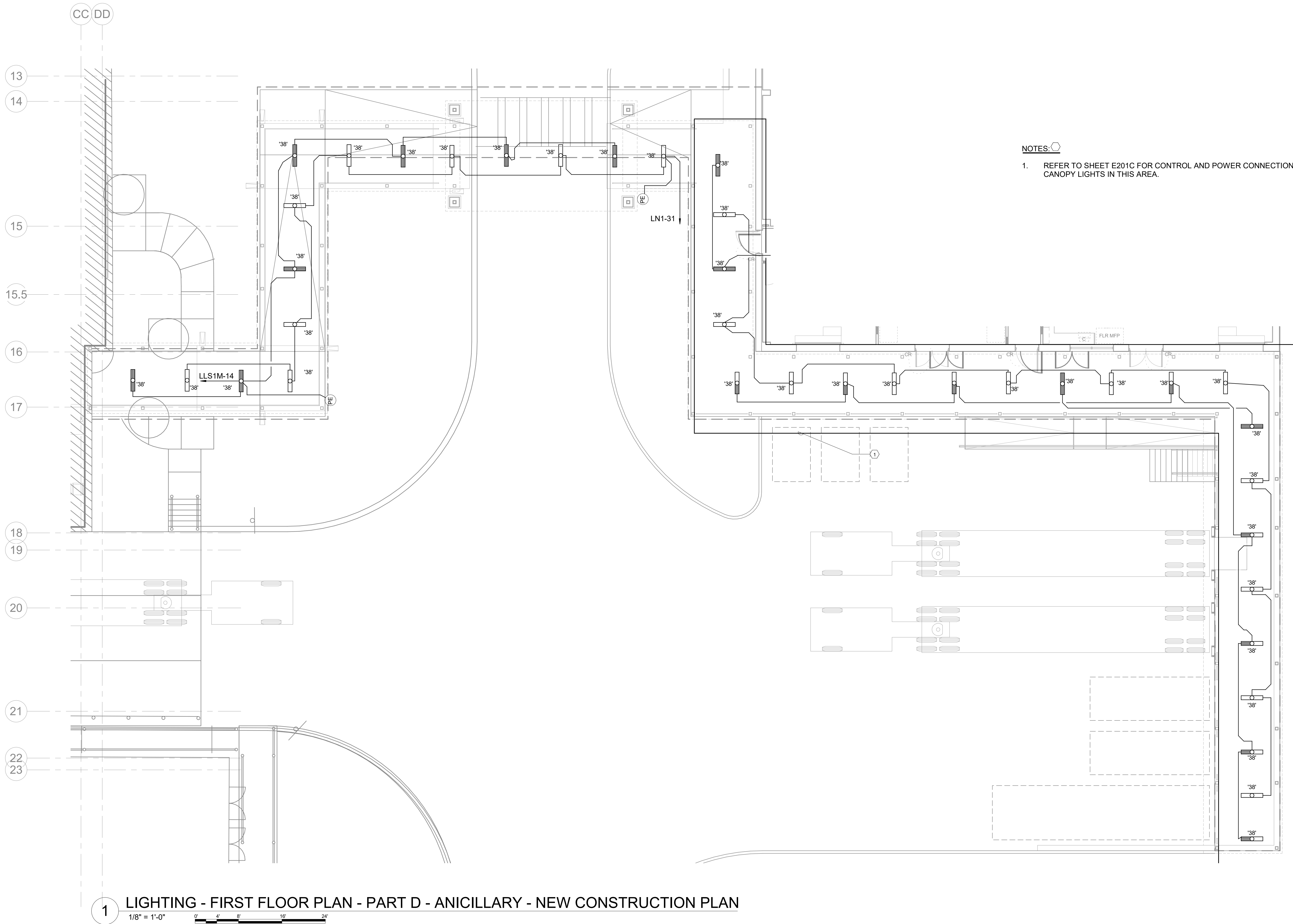
Revision		
No.	Date	Description

LIGHTING - FIRST
FLOOR ANCILLARY
BUILDING PLAN

E201C

LINE IS 3 INCHES WHEN PRINTED FULL SIZE
FULL SHEET SIZE = 30"x42"

PROJECT: 45057.00
DATE: 12/06/2021



NOTES:

1. REFER TO SHEET E201C FOR CONTROL AND POWER CONNECTION OF CANOPY LIGHTS IN THIS AREA.



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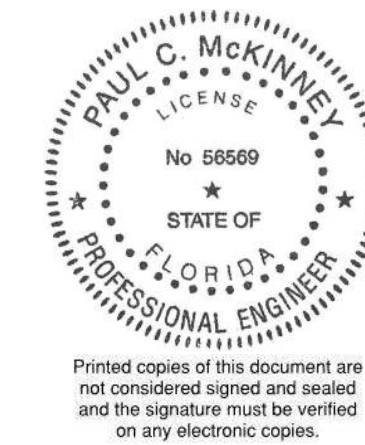


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ANCILLARY BUILDING

LAKE CITY MEDICAL CENTER
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HCA Project No.: 3793800011

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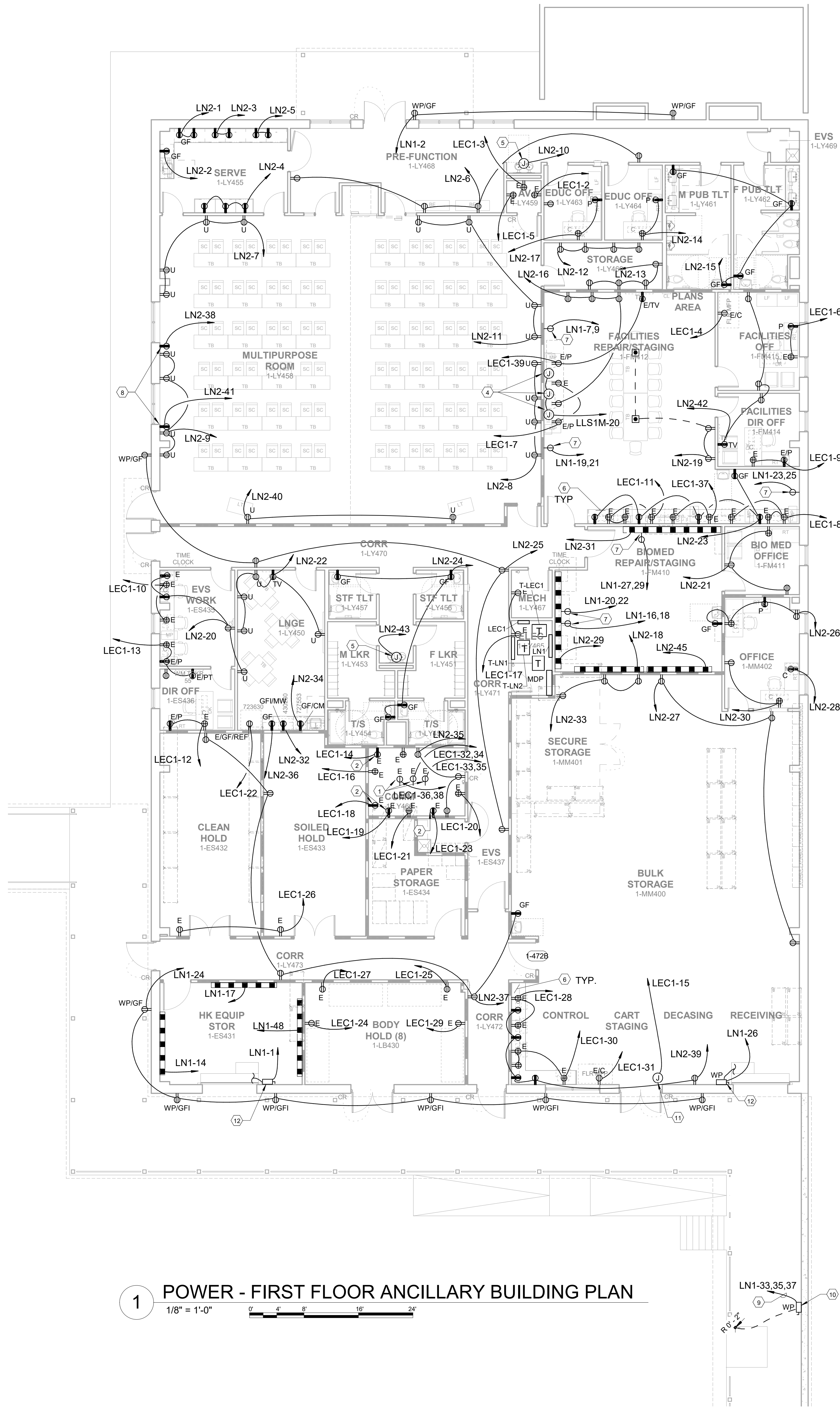
LIGHTING - FIRST FLOOR PLAN - PART D - ANICILLARY - NEW CONSTRUCTION PLAN

E201D

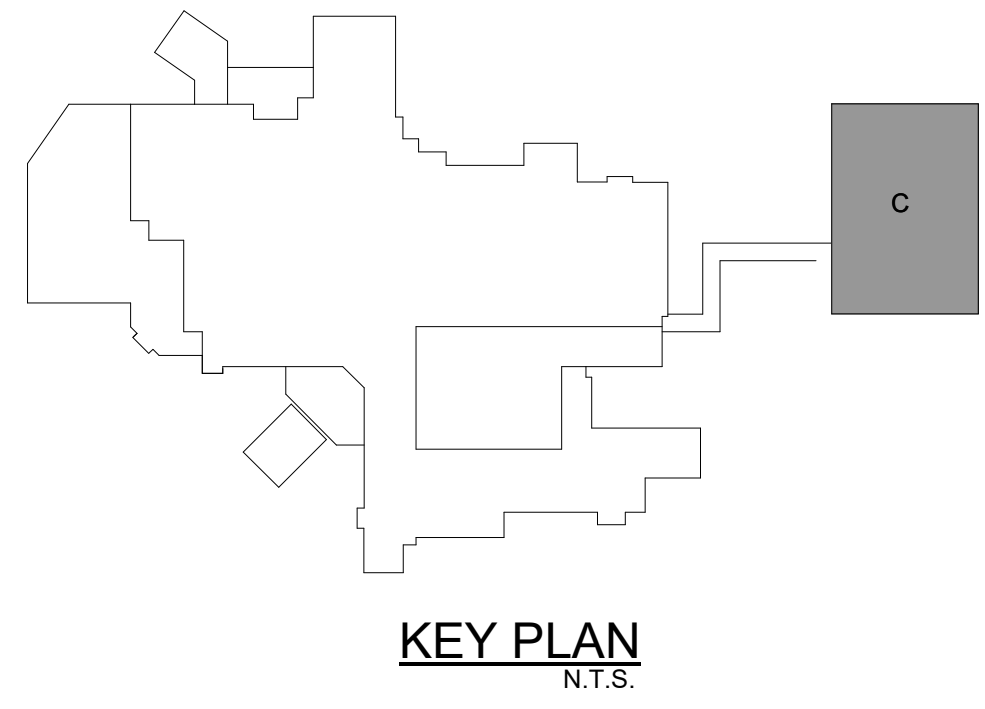
LINE IS 3 INCHES WHEN PRINTED FULL SIZE
FULL SHEET SIZE = 36"x42"

PROJECT: 45057.00
DATE: 12/06/2021

Drawn By: Author
Checked By: Checker
Approved By: Approver



1 POWER - FIRST FLOOR ANCILLARY BUILDING PLAN
1/8" = 1'-0"



KEY PLAN
N.T.S.

- NOTES:
1. PROVIDE 30A, 208V L6-30R RECEPTACLE ON LADDER FOR RACK EQUIPMENT. MATCH TYPE OF RECEPTACLE WITH EQUIPMENT INSTALLATION REQUIREMENTS. USE 2#10, #10GND FOR EACH RECEPTACLE CIRCUIT.
 2. PROVIDE RECEPTACLE ON DEDICATED CIRCUIT FOR SYSTEMS. REFER TO COMMUNICATIONS DRAWINGS FOR LOCATIONS AND OTHER REQUIREMENTS PRIOR TO ROUGH-IN.
 3. PROVIDE GROUND BUS BAR WITH 20 TERMINALS AND BOND TO MAIN BUILDING GROUND SYSTEM WITH GREEN INSULATED #6 GROUND WIRE IN CONDUIT.
 4. PROVIDE LIFE SAFETY CIRCUITRY FOR ALARMS SUCH AS FIRE ALARM, MASTER GAS ALARM, GENERATOR ANNUNCIATOR, BLOOD BANK AND ALL ALARMS TO MATCH MAIN FACILITY 24/7 MANNED LOCATION, FOR REMOTE MONITORING.
 5. PROVIDE CONNECTION ABOVE CEILING FOR REMOTE EDF CHILLER.
 6. PROVIDE GROMMET OPENINGS IN CASEWORK FOR ACCESS TO ALL ELECTRICAL DEVICES BELOW COUNTERTOP.
 7. PROVIDE 20A, 208V RECEPTACLE. COORDINATE WITH OWNER REPRESENTATIVE RECEPTACLE TYPE, QUANTITY AND LOCATIONS.
 8. PROVIDE RECEPTACLE ADJACENT TO MECHO SHADE MOTOR. COORDINATE LOCATION PRIOR TO ROUGH-IN. VERIFY WITH ARCHITECTURAL DRAWINGS FOR SHADE LOCATIONS.
 9. PROVIDE 3#10, #10GND-3/4".
 10. PROVIDE 30A/FAR/3P/208V DISCONNECT FOR LEVELLER. COORDINATE DISCONNECT LOCATION AND REQUIREMENTS WITH EQUIPMENT SUBMITTAL AND INSTALLATION PRIOR TO ROUGH-IN.
 11. CONNECTION FOR AUTOMATIC DOOR. PROVIDE CONNECTIONS FOR ALL DOOR CONTROLS.
 12. PROVIDE 30A/FAR/1P-N/120V DISCONNECT AND ALL CONTROL CONNECTIONS FOR OVERHEAD ROLL UP DOOR. COORDINATE REQUIREMENTS WITH DOOR SUBMITTALS.

12/7/2021 10:41:31 AM BIM 360://45057.00 HCA Lake City Medical Center 10 bed med surg Expansion R21/ICT_210404_E21_Central.rvt



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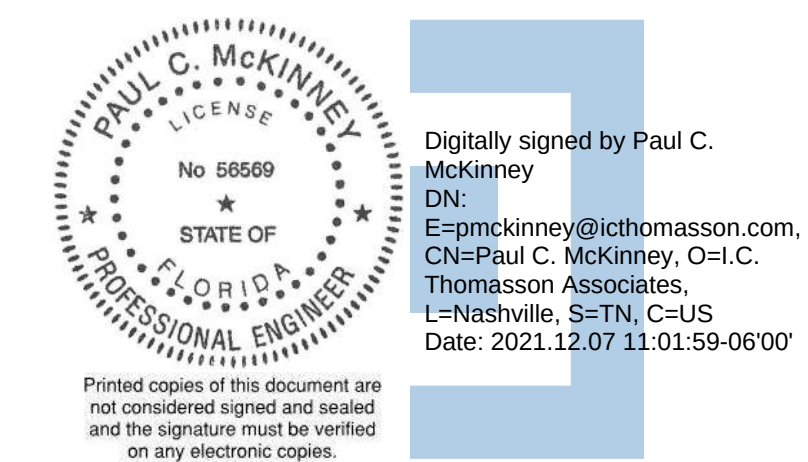


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ANCILLARY BUILDING

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Lake City, FL 32055
HCA Project No.: 3793800011

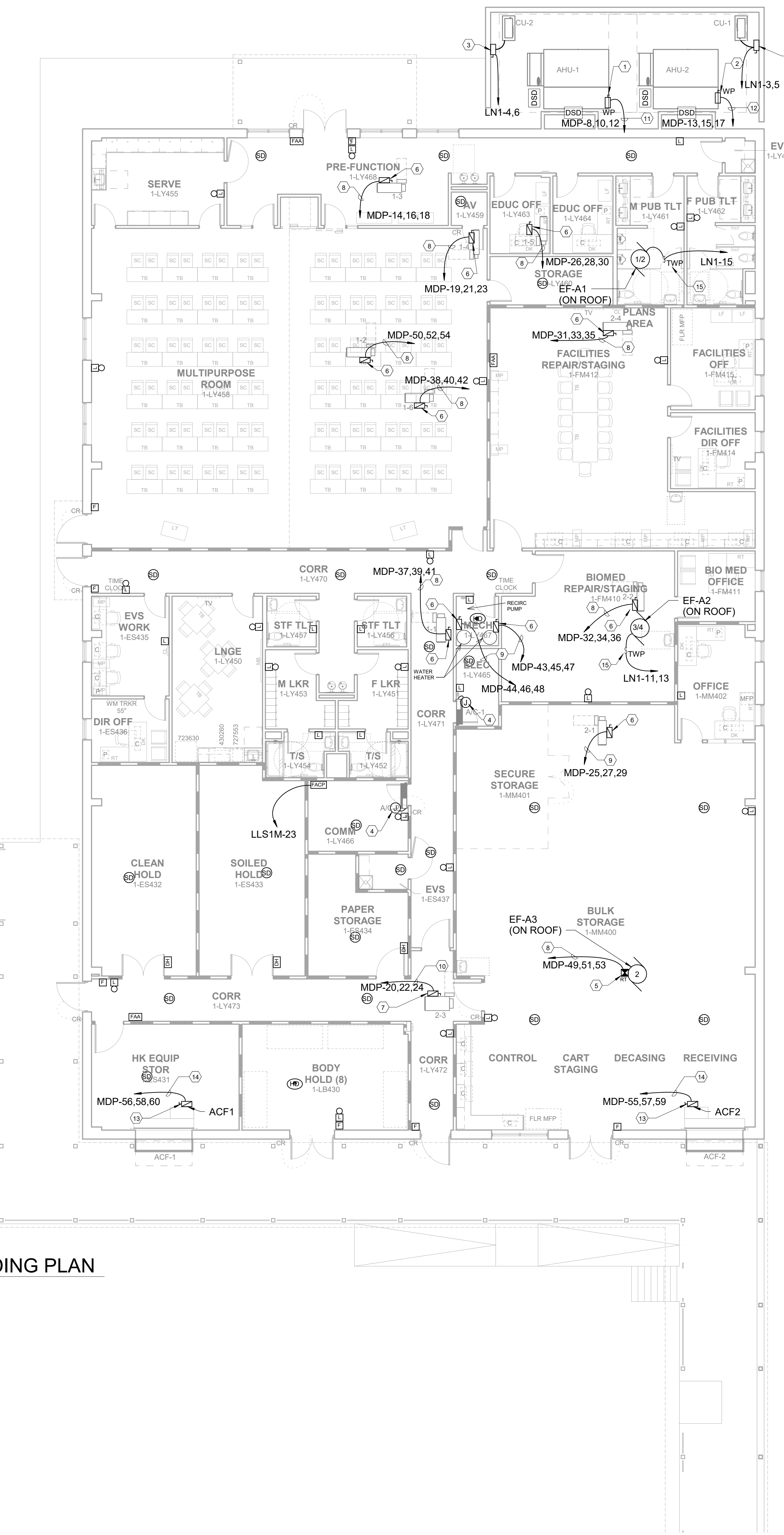
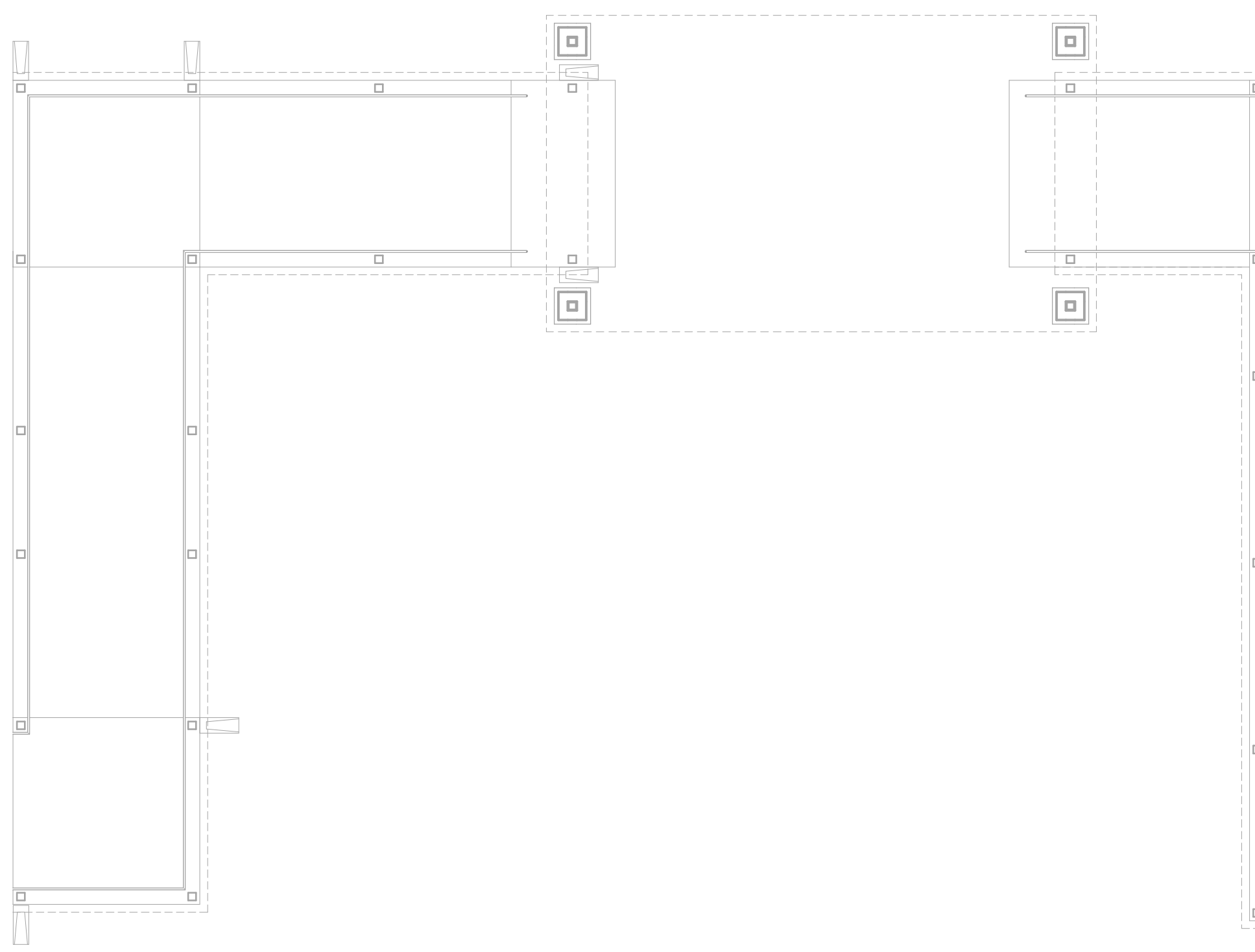
Revision		
No.	Date	Description

**POWER - FIRST FLOOR
ANCILLARY BUILDING
PLAN**

E301C

LINE IS 3 INCHES WHEN PRINTED FULL SIZE
FULL SHEET SIZE = 30"x42"

PROJECT: 45057.00
DATE: 12/06/2021



- LEGEND
- TYPE A - 1 HOUR FIRE BARRIERS TO REMAIN
- TYPE B - 1 HOUR SMOKE BARRIERS TO REMAIN
- TYPE C - 2 HOUR FIRE BARRIERS TO REMAIN
- TYPE D - 2 HOUR SMOKE BARRIERS TO REMAIN
- TYPE N - NON-RATED PARTITION TO REMAIN
- TYPE S - SMOKE RESISTANT PARTITION TO REMAIN
- TYPE A - 1 HOUR FIRE BARRIERS
- TYPE B - 1 HOUR SMOKE BARRIERS
- TYPE C - 2 HOUR FIRE BARRIERS
- TYPE N - NON-RATED PARTITION
- TYPE S - SMOKE RESISTANT PARTITION

- NOTES:
1.

PROVIDE 100A/F80A/3P/480V DISCONNECT.
2.

PROVIDE 100A/F90A/3P/480V DISCONNECT.
3.

PROVIDE 30A/F20A/2P/208V DISCONNECT.
4.

INDOOR UNIT POWERED FROM CONDENSING UNIT. PROVIDE CONDUIT AND WIRING REQUIRED.
5.

PROVIDE COMBINATION STARTER AT FAN ON ROOF FOR 2HP , 480V MOTOR AND FUSED 6 AMPS. PROVIDE STARTER WITH CONTROLS PER MECHANICAL DRAWINGS.
6.

PROVIDE 30A/NF/3P/480V DISCONNECT.
7.

PROVIDE 60A/NF/3P/480V DISCONNECT.
8.

PROVIDE 3#12,#12GND-3/4"C.
9.

PROVIDE 3#10,#10GND-3/4"C.
10.

PROVIDE 3#8,#10GND-3/4"C.
11.

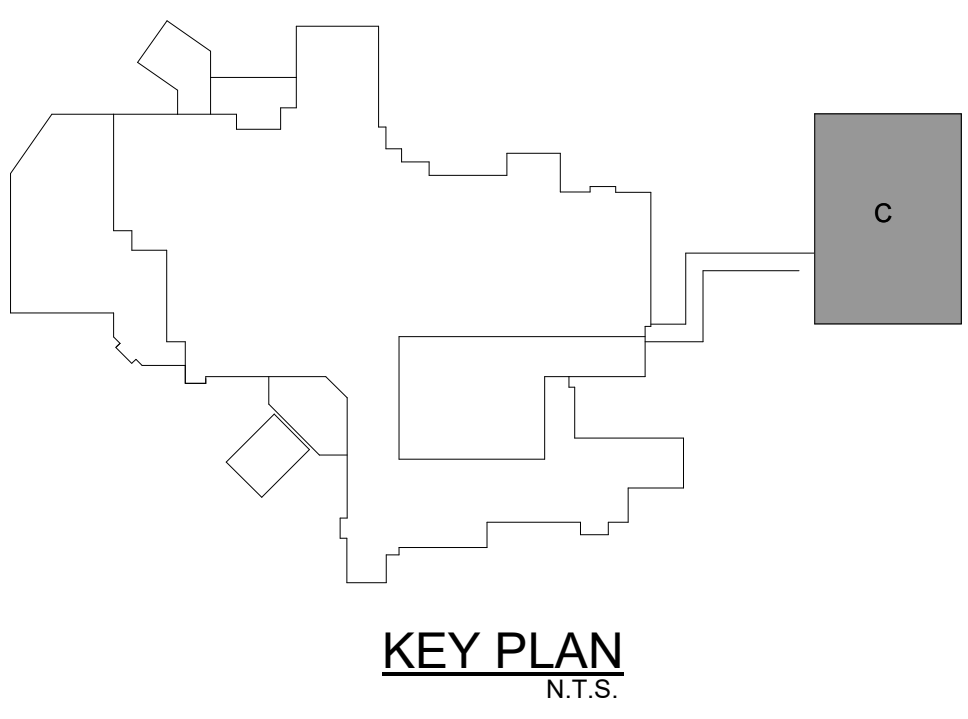
PROVIDE 3#4,#8GND-1 1/4"C.
12.

PROVIDE 3#3,#8GND-1 1/4"C.
13.

PROVIDE 60A/F45A/3P/480V DISCONNECT.
14.

PROVIDE 3#6,#10GND-3/4"C.
15.

PROVIDE MANUAL STARTER AT FAN ON ROOF.



1

ELEC/HVAC - FIRST FLOOR ANCILLARY BUILDING PLAN

1/8" = 1'-0"

0

4

8

16

24



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PAUL C. MCKINNEY

LICENSE

No. 55659

STATE OF

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PROFESSIONAL ENGINEER

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Date: 2021.12.07 11:02:24 -0600

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ANCILLARY BUILDING

LAKE CITY MEDICAL CENTER

340 NW Commerce Dr.
Lake City, FL 32055
HCA Project No.: 3793800011

Revision		
No.	Date	Description

ELEC/HVAC - FIRST FLOOR ANCILLARY BUILDING PLAN

E401C

LINE IS 3 INCHES WHEN PRINTED FULL SIZE
FULL SHEET SIZE = 30"x42"

PROJECT: 45057.00
DATE: 12/06/2021

TRANSFORMER GROUNDING	
KVA	GROUNDING ELECTRODE CONDUCTOR
15	#8
30	#6
45	#6
75	#2
112.5	#1/0

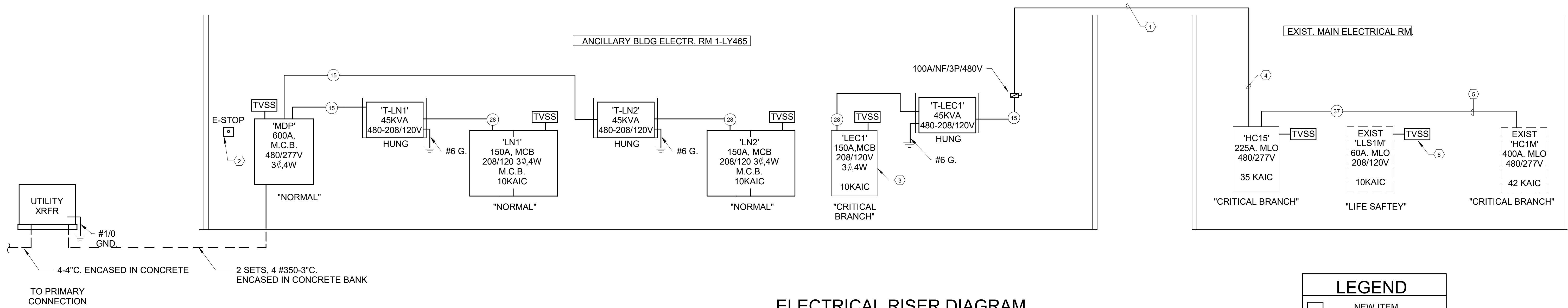
FOR LABELING WIRES

XX XX

CONDUIT AND WIRE DESIGNATION SCHEDULE		
WIRE/BKR	DESIG.	WIRE/BKR
MAX AMPS	#	MAX AMPS
20	1	200
20	2	200
20	3	200
20	4	230
30	5	230
30	6	230
30	7	255
40	8	255
40	9	285
40	10	285
55	11	310
55	12	310
55	13	380
70	14	380
70	15	460
70	16	510
85	17	620
85	18	760
85	19	855
95	20	930
95	21	1005
95	22	1140
130	23	1240
130	24	1675
130	25	1900
150	26	2010
150	27	2280
150	28	2660
175	29	3040
175	30	4180
175	31	
CONDUIT SIZE BASED ON THHN/THWN 40% FILL CALCULATION		
WIRE SIZE BASED ON NEC 110-14C WITH 60°C AMPACITY TABLES FOR 20A THRU 100 AMPS		
AND 75°C AMPACITY TABLES FOR VALUES > 100 AMPS.		
NOTE! IN GENERAL, THE ACTUAL BREAKER AMPERAGE SHALL BE EQUAL TO OR NEXT STANDARD SIZE SMALLER THAN THE MAXIMUM WIRE AMPS. EXCEPTIONS SHALL BE MOTOR AND SPECIAL EQUIPMENT BREAKERS WHICH SHALL BE SIZED PER N.E.C. AND VENDOR REQUIREMENTS. OMIT GROUND CONDUCTORS ON SERVICE ENTRANCE FEEDERS (TYPICAL). USE #12 WIRE U.O.N. PRIOR TO ROUGH-IN. CONTRACTOR SHALL COORDINATE BREAKER AND WIRING WITH ACTUAL REQUIREMENTS OF EQUIPMENT BEING FURNISHED FOR THIS SPECIFIC PROJECT. UNLESS NOTED OTHERWISE ALL 20A, 1P. BREAKERS TO UTILIZE #12 CONDUCTORS, EXCEPT WHERE BRANCH CIRCUIT IS IN EXCESS OF 90 LINEAR FEET CONDUCTORS TO BE #10 AND OVER 175 FEET LINEAR FEET CONDUCTORS TO BE #8.		

NOTES: ○

- ROUTE VIA COVERED PATH.
- PROVIDE WIRING, POWER, CONDUIT TO BE ABLE TO SHUT-OFF "LEC1" POWER INCOMMING TO BUILDING OTHER THAN "MDP" POWER. ADD LABEL "PUDH BUTTON TO CUT OFF POWER OTHER THAN "MDP" IN BUILDING".
- PROVIDE MAIN BREAKER IN "LEC1" WITH SHUNT TRIP.
- PROVIDE 70A/3P BREAKER IN EXISTING PANEL FOR NEW FEEDER. SEE ONE-LINE DRAWING.
- PROVIDE 200A/3P FUSES IN EXISTING PANEL FOR NEW FEEDER, PER ONE-LINE DRAWING.
- PROVIDE SPD ON EXISTING PANEL.



ELECTRICAL RISER DIAGRAM
N.T.S.

LEGEND	
	NEW ITEM
	EXISTING ITEM

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E=prcmckinney@ictthomasson.com,
CN=Paul C. McKinney, O=I.C. Thomasson Associates,
L=Nashville, ST=TN, C=US
Date: 2021.12.06 13:41:52 -0600

ANCILLARY BUILDING

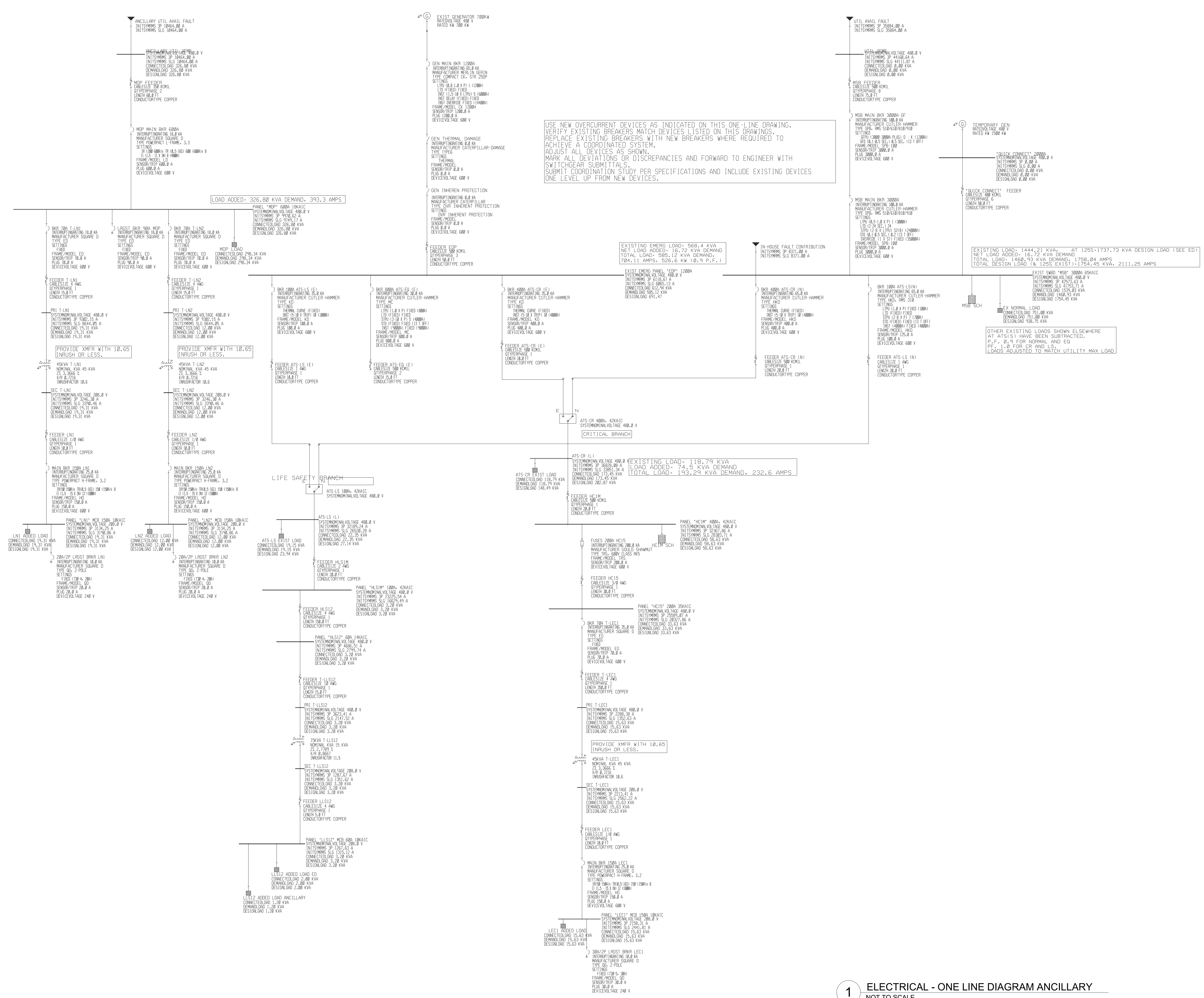
LAKE CITY MEDICAL CENTER
340 NW Commerce Dr.
Lake City, FL 32055
HCA Project No.: 3793800011

Revision		
No.	Date	Description

ELECTRICAL - RISER
DIAGRAM ANCILLARY
BUILDING

E601.1

LINE IS 3 INCHES WHEN PRINTED FULL SIZE
FULL SHEET SIZE = 30"x42"



1 ELECTRICAL - ONE LINE DIAGRAM ANCILLARY
NOT TO SCALE



ARCHITECT, INTERIOR DESIGN, ME&P
Gresham Smith
222 2nd Avenue South, Suite 1400
Nashville, TN 37201-2308
615.770.8100
FL Qualifier No. AR0013420
FL Registry No. RY3806
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Florida Registration #96197
Project Principal: Rob Hamby
Project Architect: Eric Snyder
Project Coordinator: Traci Myers
Interior Designer: Morgan Black

ME&P
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Nashville, TN 37204
615.346.3400
FL Qualifier No. 38970
FL Registry No. 1276
MEP Principal: Josh Cartwright
MEP Proj Mgr: Paul C. McKinney
Mech Engineer of Record:
Shawn Sullivan
Florida Registration #81099
Plum/Fire P. Designer:
Donna Seigel
Elec. Engineer of Record:
Paul C. McKinney
Florida Registration #56569

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177 Telecom Pkwy, Michael Henry
750 Old Hickory Blvd, Building 1,
Suite 175
Brentwood, TN 37027
615.320.1735
FL Qualifier No. 39200
FL Registry No. 1329
Project Principal/Engineer:
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CIVIL & LANDSCAPE
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FL Qualifier No. 49629
FL Registry No. 696
EOR: Kelsey Lewis, PE
Florida Registration #79384
Proj Mgr: Chris Avers
Landscape AOR: Charlie Johnson
Florida Reg #667402



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ICT Project No. 210404



Kimley»Horn
2519 Centennial Blvd., Suite 200
Tallahassee, FL 32308



HCA Design & Construction
One Park Plaza, PO Box 550
Bldg. II, East 3rd Floor
Nashville, TN 37203
HCA Design Mgr.: Nicole Hoch
HCA Constr. Mgr.: Ben McAlpin

General Contractors
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Brentwood, TN 37027

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Date: 2021.12.06 13:42:30 -0600

ANCILLARY BUILDING

LAKE CITY MEDICAL CENTER
340 NW Commerce Dr.
Lake City, FL 32055
HCA Project No.: 3793800011

Revision		
No.	Date	Description

ELECTRICAL - ONE LINE DIAGRAM

E602.1

LINE IS 3 INCHES WHEN PRINTED FULL SIZE
FULL SHEET SIZE = 30"x42"

Drawn By: Author
Checked By: Checker
Approved By: Approver

Panel: MDP NORMAL BRANCH																
Location: ELEC 1-LY465					Volts: 480/277 Wye					A.I.C. Rating: 18 KAIC						
Supply From: Surface					Phases: 3					Mains Type: M.C.B.						
Mounting: Surface					Wires: 4					Mains Rating: 600 A						
Enclosure: Type 1																
CKT	Circuit Description	Load Class.	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Class.	Circuit Description	CKT	
1	TRASH COMPACTOR	Equip...	60 A	3	6.67 kVA			10.92 kVA			3	70 A	Equip...	T-LN2	2	
3	---	---	---	---		6.67 kVA			10.10 kVA		---	---	---	---	4	
5	---	---	---	---			8.67 kVA			8.78 kVA	---	---	---	---	6	
7	T-LN1	Lighti...	70 A	3	10.52 kVA			17.17 kVA			3	80 A	Motor...	AHU-1	8	
9	---	---	---	---		11.21 kVA			17.17 kVA		---	---	---	---	10	
11	AHU-2	Motor...	90 A	3	19.40 kVA			10.78 kVA			17.17 kVA	---	---	---	12	
13	---	---	---	---		19.40 kVA			4.00 kVA		3	20 A	Heati...	V V 1-3	14	
15	---	---	---	---			19.40 kVA			4.00 kVA	---	---	---	---	16	
17	---	---	---	---						4.00 kVA	---	---	---	---	18	
19	V V 1-4	Heati...	15 A	3	0.50 kVA			7.00 kVA			3	35 A	Heati...	V V 2-3	20	
21	---	---	---	---		0.50 kVA			7.00 kVA		---	---	---	---	22	
23	---	---	---	---			0.50 kVA			7.00 kVA	---	---	---	---	24	
25	V V 2-1	Heati...	25 A	3	5.00 kVA			2.33 kVA			3	15 A	Heati...	V V 1-5	26	
27	---	---	---	---		5.00 kVA			2.33 kVA		---	---	---	---	28	
29	---	---	---	---			5.00 kVA			2.33 kVA	---	---	---	---	30	
31	V V 2-4	Heati...	20 A	3	4.00 kVA			1.50 kVA			3	20 A	Heati...	V V 2-2	32	
33	---	---	---	---		4.00 kVA			1.50 kVA		---	---	---	---	34	
35	---	---	---	---			4.00 kVA			1.50 kVA	---	---	---	---	36	
37	V V 1-1	Heati...	20 A	3	4.00 kVA			2.00 kVA			3	25 A	Heati...	V V 1-6	38	
39	---	---	---	---		4.00 kVA			2.00 kVA		---	---	---	---	40	
41	---	---	---	---			4.00 kVA			2.00 kVA	---	---	---	---	42	
43	WATER HEATER	Heati...	20 A	3	6.00 kVA			6.00 kVA			3	20 A	Heati...	WATER HEATER	44	
45	---	---	---	---		6.00 kVA			6.00 kVA		---	---	---	---	46	
47	---	---	---	---			6.00 kVA			6.00 kVA	---	---	---	---	48	
49	EF-A3 2HP (ON ROOF)	Motor	15 A	3	0.93 kVA			2.33 kVA			3	20 A	Heati...	V V 1-2	50	
51	---	---	---	---		0.93 kVA			2.33 kVA		---	---	---	---	52	
53	---	---	---	---		0.93 kVA			2.33 kVA		---	---	---	---	54	
55	ACF2	Heati...	45 A	3	8.93 kVA			8.93 kVA			3	45 A	Heati...	ACF1	56	
57	---	---	---	---		8.93 kVA			8.93 kVA		---	---	---	---	58	
59	---	---	---	---		8.93 kVA			8.93 kVA		---	---	---	---	60	
61	Space	---	---	1	---	---		0.18 kVA			1	20 A	Lighti...	LTS-ANCILLARY POLE LIGHTS	62	
63	Space	---	---	1	---	---		---			---	1	---	Space	64	
65	Space	---	---	1	---	---		---			---	1	---	Space	66	
67	Space	---	---	1	---	---		---			---	1	---	Space	68	
69	Space	---	---	1	---	---		---			---	1	---	Space	70	
71	Space	---	---	1	---	---		---			---	1	---	Space	72	
73	Space	---	---	1	---	---		---			---	1	---	Space	74	
75	Space	---	---	1	---	---		---			---	1	---	Space	76	
77	Space	---	---	1	---	---		---			---	1	---	Space	78	
79	Space	---	---	1	---	---		---			---	1	---	Space	80	
81	Space	---	---	1	---	---		---			---	1	---	Space	82	
83	Space	---	---	1	---	---		---			---	1	---	Space	84	
85	Space	---	---	1	---	---		0.00 kVA			---	30 A	---	TVSS	86	
87	Space	---	---	1	---	---		0.00 kVA			---	---	---	---	88	
89	Space	---	---	1	---	---		0.00 kVA			---	---	---	---	90	
Total Load:					128.32 kVA			128.00 kVA								
Total Amps:					464 A			463 A								
Load Classification																
Motor					Connected Load			Demand Factor			Estimated Demand			Panel Totals		
Lighting - Hospital					2800 VA			100.00%			2800 VA			Total Conn. Load: 362.58 kVA		
Receptacle - Hospital					360 VA			40.00%			144 VA			Total Est. Demand: 304.65 kVA		
Equipment - Hospital					21180 VA			85.00%			18003 VA			Total Conn. Current: 460 A		
Heating - Hospital					187600 VA			85.00%			159460 VA			Total Est. Demand Current: 366 A		
Motor - Hospital					123300 VA			85.00%			104865 VA			Total Est. Design Current: 366 A		
Receptacle - Hospital					43400 VA			40.00%			17360 VA					
Notes:																
SERVICE PANEL																

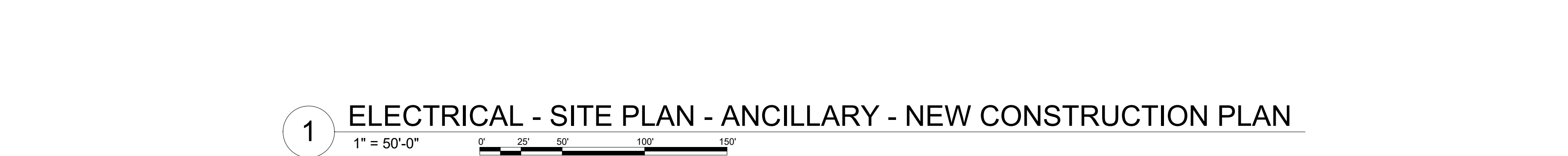
Panel: LN1 NORMAL BRANCH																
Location: ELEC 1-LY465					Volts: 120/208 Wye					A.I.C. Rating: 10 KAIC						
Supply From: T-LN1					Phases: 3					Mains Type: M.C.B.						
Mounting: Surface					Wires: 4					Mains Rating: 150 A						
Enclosure: Type 1																
CKT	Circuit Description	Load Class.	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Class.	Circuit Description	CKT	
1	MOTOR-ROLLUP DOOR	Motor...	20 A	1	1.00 kVA			0.96 kVA			1	20 A	Rece...	REC - EXTERIOR	2	
3	CU-1	Motor...	20 A	2		0.95 kVA			0.95 kVA		2	20 A	Motor...	CU-2	4	
5		--	--	--			0.95 kVA			0.95 kVA	--	--	--	--	6	
7	SIMPLEX - FACILITIES	Rece...	20 A	2	1.00 kVA			0.59 kVA			1	20 A	Lighti...	LTS-BIOMED CORR/LINSE LKRS	8	
9		--	--	--		1.00 kVA			1.48 kVA		1	20 A	Lighti...	LTS-MULTI PURPOSE RM	10	
11	3/4HP EF-A2 ON ROOF	Motor...	20 A	2		0.80 kVA		0.90 kVA		0.55 kVA	1	20 A	Lighti...	FACILITIES STG., TLTS. PREFU...	12	
13		--	--	--		0.80 kVA		0.90 kVA			1	20 A	Rece...	PLUGMOLD HK EQUIP.	14	
15	1/2HP EF-A1 ON ROOF	Motor...	20 A	1		1.20 kVA		1.00 kVA		1.00 kVA	2	20 A	Rece...	SEMPLX-BIOMED	16	
17	PLUGMOLD HK EQUIP.	Rece...	20 A	1			0.72 kVA		1.00 kVA		1.00 kVA	--	--	--	18	
19	SIMPLEX - FACILITIES	Rece...	20 A	2	1.00 kVA			1.00 kVA			2	20 A	Rece...	SIMPLEX - BIOMED	20	
21		--	--	--		1.00 kVA			1.00 kVA			--	--	--	22	
23	SIMPLEX - FACILITIES	Rece...	20 A	2			1.00 kVA		1.00 kVA		1.08 kVA	1	20 A	Rece...	REC - WPGFI	24
25		--	--	--		1.00 kVA		1.00 kVA			1	20 A	Motor...	MOTOR-ROLLUP DOOR	26	
27	SIMPLEX - BIOMED	Rece...	20 A	2		1.00 kVA									28	
29		--	--	--			1.00 kVA			0.00 kVA	1	20 A	--	Space	30	
31	LTS-CANOPY	Lighti...	20 A	1	0.25 kVA			0.00 kVA			1	20 A	--	Space	32	
33	DOCK LEVELER	Motor...	30 A	3		1.67 kVA			0.00 kVA		0.00 kVA	1	20 A	--	Space	34
35		--	--	--			1.67 kVA				0.00 kVA	1	20 A	--	Space	36
37		--	--	--		1.67 kVA		0.00 kVA			1	20 A	--	Space	38	
39	Space	--	20 A	1		0.00 kVA			0.00 kVA		0.00 kVA	1	20 A	--	Space	40
41	Space	--	20 A	1			0.00 kVA			0.00 kVA	1	20 A	--	Space	42	
43	Space	--	20 A	1	0.00 kVA			0.00 kVA			1	20 A	--	Space	44	
45	Space	--	20 A	1		0.00 kVA			0.00 kVA		1	20 A	--	Space	46	
47	Space	--	20 A	1			0.00 kVA			1.08 kVA	1	20 A	Rece...	PLUGMOLD HK EQUIP.	48	
49	Space	--	20 A	1	0.00 kVA			0.00 kVA			1	20 A	--	Space	50	
51	Space	--	20 A	1		0.00 kVA			0.00 kVA		0.00 kVA	1	20 A	--	Space	52
53	Space	--	20 A	1			0.00 kVA			0.00 kVA	1	20 A	--	Space	54	
55	Space	--	20 A	1	0.00 kVA			0.00 kVA			3	20 A	--	TVSS	56	
57	Space	--	20 A	1		0.00 kVA			0.00 kVA		--	--	--	--	58	
59	Space	--	20 A	1			0.00 kVA			0.00 kVA	--	--	--	--	60	
Total Load:					10.52 kVA		11.21 kVA			10.78 kVA						
Total Amps:					88 A		94 A			90 A						
Load Classification										Panel Totals						
Lighting - Hospital					Connected Load	Demand Factor	Estimated Demand			Total Conn. Load: 32.50 kVA						
					2859 VA	40.00%	1143 VA			Total Demand: 19.12 kVA						
Motor - Hospital					13600 VA	85.00%	11560 VA			Total Est. Design: 19.12 kVA						
Receptacle - Hospital					16140 VA	40.00%	6456 VA			Total Conn. Current: 90 A						
										Total Est. Demand Current: 53 A						
										Total Est. Design Current: 53 A						
</																

Drawn By: Author

Checked By: Checker

Approved By: Approver

Existing Panel: LLS1M LIFE SAFETY BRANCH																	
Location: EX. ELECTR. RM.						Volts: 120/208 Wye						A.I.C. Rating:					
Supply From: SEC T-LLS1M						Phases: 3						Mains Type: M.L.O.					
Mounting: Surface						Wires: 4						Mains Rating: 60 A					
Enclosure: Type 1																	
CKT	Circuit Description	Load Class.	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Class.	Circuit Description	CKT		
1	Spare	--	20 A	1	0.00 kVA	--	--	0.40 kVA	--	--	1	20 A	--	MEA	2		
3	Spare	--	20 A	1	--	0.00 kVA	--	--	0.20 kVA	--	1	20 A	--	KITCHEN ANSUL SYSTEM	4		
5	FRA	--	20 A	1	--	--	0.20 kVA	--	--	0.40 kVA	1	20 A	--	OXYGEN PARK	6		
7	Spare	--	20 A	1	0.00 kVA	--	--	0.00 kVA	--	--	1	20 A	--	Spare	8		
9	FA BSTR POWER SUPPLY	--	20 A	1	--	0.30 kVA	--	--	0.48 kVA	--	1	20 A	--	REC GENERATOR	10		
11	FA BSTR POWER SUPPLY	--	20 A	1	--	--	0.30 kVA	--	--	0.50 kVA	1	20 A	--	EM LTS GENERATOR	12		
13	ATS ROOM REC	--	20 A	1	0.20 kVA	--	--	0.21 kVA	--	--	1	20 A	Lighti...	LTS-CANOPY	14		
15	*LTS-APPROCH HELIPAD	Lighti...	20 A	1	--	0.13 kVA	--	--	0.42 kVA	--	1	20 A	Lighti...	LTS-TLOF HELIPAD*	16		
17	*LTS-FATO HELIPAD	Lighti...	20 A	1	--	--	0.73 kVA	--	--	0.20 kVA	1	20 A	Lighti...	*LTS-HELIPAD P.E....	18		
19	*LIGHTED- WIND SOCK	Lighti...	20 A	1	0.50 kVA	--	--	0.80 kVA	--	--	1	20 A	Equip...	ALARMS-GAS FIRE BLOOD &G...	20		
21	*LTS-HELIPAD BOLLARDS	Lighti...	20 A	1	--	0.23 kVA	--	--	--	--	1	--	--	Space	22		
23	***FACP (LC)	Equip...	20 A	1	--	--	0.20 kVA	--	--	--	1	--	--	Space	24		
25	Space	--	--	1	--	--	--	0.00 kVA	--	--	3	20 A	--	TVSS**	26		
27	Space	--	--	1	--	--	--	--	0.00 kVA	--	--	--	--	--	28		
29	Space	--	--	1	--	--	--	--	--	0.00 kVA	--	--	--	--	30		
Total Load:					2.10 kVA			1.74 kVA		2.50 kVA							
Total Amps:					16 A			15 A		21 A							
Load Classification											Panel Totals						
Lighting											700 VA 100.00% 700 VA Total Conn. Load: 6.34 kVA						
Lighting - Hospital											438 VA 40.00% 175 VA Total Est. Demand: 6.24 kVA						
Equipment - Hospital											998 VA 85.00% 848 VA Total Est. Design: 6.24 kVA						
											Total Conn. Current: 18 A						
											Total Est. Demand Current: 17 A						
											Total Est. Design Current: 17 A						
Notes:																	
*PROVIDE BREAKER FOR NEW CIRCUIT																	
**PROVIDE TVSS AND CONNECT DIRECTLY TO BUS																	
***LC-LOCKING CLIP																	



1" = 50'-0"

0' 25' 50' 100' 150'

1. COORDINATE NEW UTILITY TRANSFORMER LOCATION, PAD AND ALL OTHER REQUIREMENT WITH UTILITY POWER COMPANY.
2. PROVIDE 4-4"C. FOR PRIMARY FEEDER. COORDINATE TERMINATIONS WITH UTILITY POWER COMPANY.
3. SEE RISER ON E601 FOR SECONDARY FEEDER.
4. APPROXIMATE PATH OF FEEDER TO CRITICAL TRANSFORMER T-LEC1.
5. APPROXIMATE PATH OF LIFE SAFETY CIRCUITS TO ALARMS, LIGHTS AND FACP.
6. POLE BASE TO MATCH EXISTING POLE BASES.
7. PROVIDE 60A/FAR/3P/480V DISCONNECT FOR TRASH COMPACTOR.
8. 3#4, #8GND-1"C.

[illegible]

ELECTRICAL - SITE
PLAN - ANCILLARY -
NEW CONSTRUCTION
PLAN

ES01.1

LINE IS 3 INCHES WHEN PRINTED FULL SIZE
FULL SHEET SIZE = 30"X42"



GreshamSmith.com

ARCHITECT/INTERIOR DESIGN:
GRAPHICS
 222 Second Avenue South, Suite 1400
 Nashville, TN 37201-3008
 FL Reg No. 17780
 FL Qualifier No. AR0013420
 FL Reg No. RY3036
 Architectural Firm of Record:
 Eric M. Snyder
 Project Registration #69197
 Professional Firm Name
 Project Architect: Eric Snyder
 Project Coordinator: Eric Snyder
 Interior Designer: Morgan Back

STRUCTURAL
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 750 Old Hickory Blvd., Building 1
 Brentwood, TN 37027
 FL Reg No. 1775
 FL Qualifier No. 3220
 FL Reg No. 13920
 Project Principal/Engineer:
 Mark Hinder
 Structural Engineer of Record:
 Mark Hinder
 Florida Registration #26205

MEAP
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 FL Qualifier No. 38970
 FL Reg No. 1276
 FL Reg No. 17846
 Mechanical Engineer of Record:
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 Donal E. Carrington
 Florida Registration #81
 Plum/Fire P. Designer:
 Donal E. Carrington
 EIC Engineer of Record:
 Paul M. McKinney
 Florida Registration #5

CIVIL & LANDSCAPE
 Kivley-Hunt
 2010 Centennial Blvd., Suite 200
 Tallahassee, FL 32308
 FL Reg No. 42320
 FL Qualifier No. 39060
 FL Reg No. 998
 EOR: Kelsey Lewis
 Florida Registration #75
 Project Manager: Chris Akers
 Landscape Architect: Christopher Johns
 Florida Reg #6654702



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NASHVILLE, TN. 37204
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www.ictthomasson.com
ICT Project No. 210404**

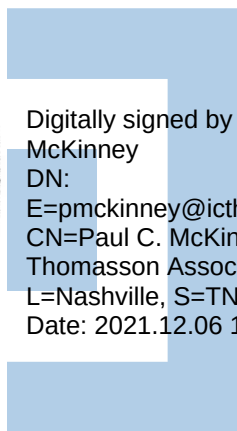


2619 Centennial Blvd., Suite 200
Tallahassee, FL 32308



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One Park Plaza, PO Box 550
Bldg. II, East 3rd Floor
Nashville, TN 37203
HCA Design Mgr.: Nicole Hoch
HCA Constr. Mgr.: Ben McAlpin

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Thomasson Associates,
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Date: 2021.12.06 13:44:28-06'00'

ANCILLARY BUILDING

LAKE CITY MEDICAL CENTER

340 NW Commerce Dr.
Lake City, FL 32055
HCA Project No.: 379380001