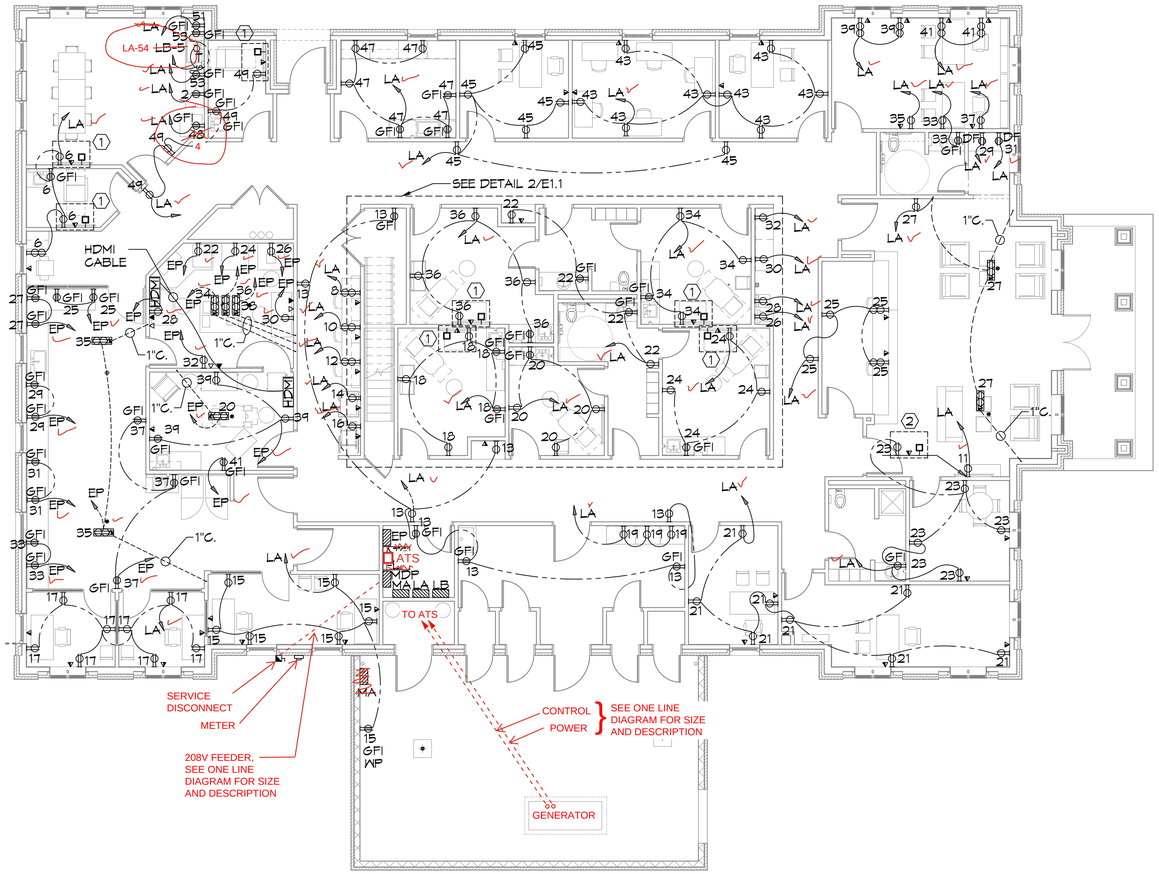
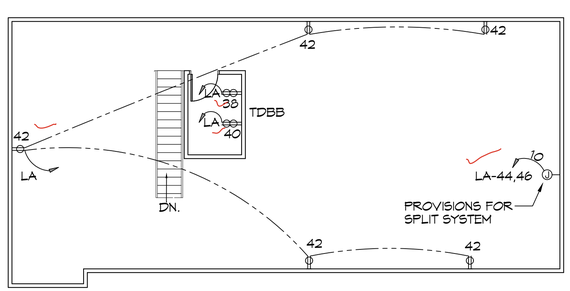


37 POWER PLAN
SCALE: 3/16"=1'-0"

FIRST FLOOR



38 POWER PLAN- MEZZANINE
SCALE: 3/16"=1'-0"

SECOND FLOOR

ADDITIONAL POWER NOTES

MARK	DESCRIPTION
A.	INDIVIDUAL UPS FOR LAB EQUIPMENT PROVIDED BY OTHERS.
1	VERIFY MOUNTING WITH ARCHITECT PRIOR TO ROUGH-IN.
2	MOUNT 60" A.F.F.

I COULD NOT LOCATE THE FOLLOWING:
PANEL EP #10 EF-05
PANEL EP #12 EF-06
DO THEY WANT POWER FOR CAMERAS ON THE LIGHT POLES?

GENERAL POWER NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
9. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
10. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION.
11. MINIMUM SIZE CONDUIT SHALL BE ¾" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, ¾" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICLUAR TRAFFIC AREAS, AND 3 FT IN VEHICULAR TRAFFIC AREAS . EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE DROPPED CEILING.
12. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
13. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
14. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
15. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF. ALL RECEPTACLES IN A KITCHEN AREA SHALL HAVE GROUND FAULT PROTECTION.
16. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-69, NFPR 250-23, 250-71 & 250-72.
17. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
18. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
19. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
20. EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
21. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
22. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
23. TYPES NM AND NMC CABLES SHALL NOT BE PERMITTED TO BE EXPOSED IN DROPPED OR SUSPENDED CEILINGS.

THIS WORK SHALL MEET ALL ELECTRICAL CODES

1. 2020 NATIONAL ELECTRICAL CODE
2. NFPA 70
3. 2021 IECC ENERGY CODE

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Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL:

NEW MEDICAL OFFICE

POSITIVE STEPS FERTILITY

500 OAK HARBOR BLVD
SLIDELL, LA 70458

JOB No:	2471
DATE:	04-30-2025
DRAWN BY:	CKD
CHECKED BY:	BAM

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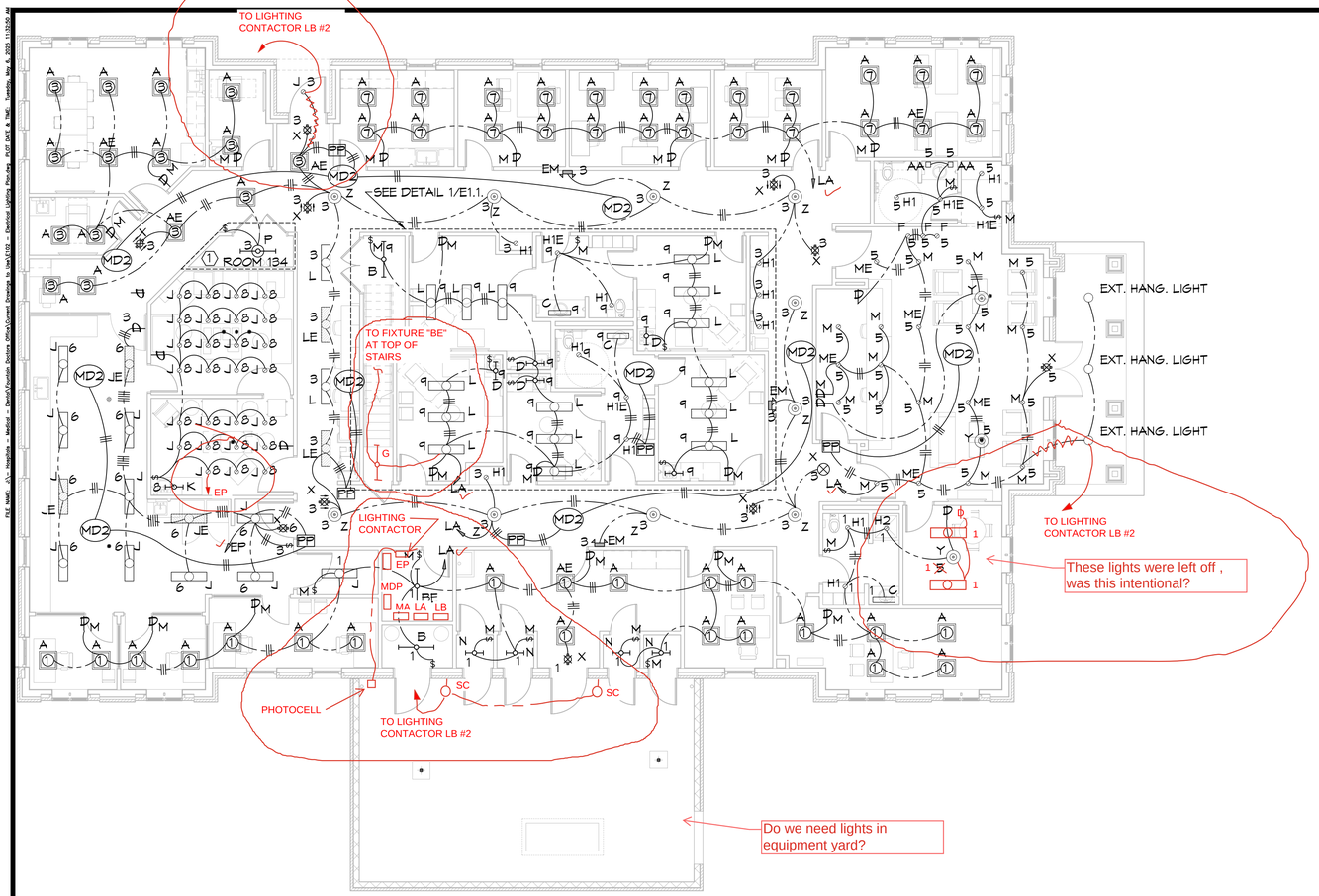
SHEET TITLE:
FIRST FLOOR
SECOND FLOOR
POWER PLAN

DRAWING NUMBER:

E101

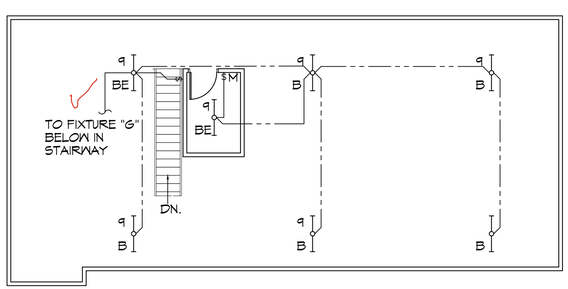
SHEET No: 16 of 18



37 LIGHTING PLAN

SCALE: 3/16"=1'-0"

FIRST FLOOR



38 LIGHTING PLAN- MEZZANINE

SCALE: 3/16"=1'-0"

SECOND FLOOR

ADDITIONAL POWER NOTES

MARK	DESCRIPTION
1	USE GRS CONDUITS AND PROVIDE EXPLOSION PROOF FITTING FOR ALL CONNECTIONS IN GAS TANK STORAGE 134.

GENERAL LIGHTING NOTES

1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.

2. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.

3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.

4. WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.

5. ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.

6. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.

7. ALL CONDUCTORS SHALL BE COPPER.

8. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.

9. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.

10. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.

11. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE ¾" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, ¾" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICLUAR TRAFFIC AREAS, FOR CONDUITS BELOW GRADE . EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).

12. DROP/SUSPENDED CEILINGS - ALL WIRING ABOVE DROP/SUSPENDED CEILINGS SHALL BE PROTECTED FROM PHYSICAL DAMAGE WITH EMT, IN METAL STUD CONSTRUCTION, OR SCHEDULE 40 PVC, IN WOOD FRAME CONSTRUCTION. 6 FT LENGTH OF MC CABLE FOR EQUIPMENT WHIP(S) IS ALLOWED ABOVE DROPPED CEILING FROM A J-BOX TO LIGHT FIXTURES.

13. EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF AL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS SHALL BE LUTRON NOVA T-STAR.

14. ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.

15. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73G.

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#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

NEW MEDICAL OFFICE
POSITIVE STEPS FERTILITY
500 OAK HARBOR BLVD
SLIDELL, LA 70458

JOB No:	2477	DATE:	04-30-2025
DRAWN BY:	TNT	CHECKED BY:	CKD

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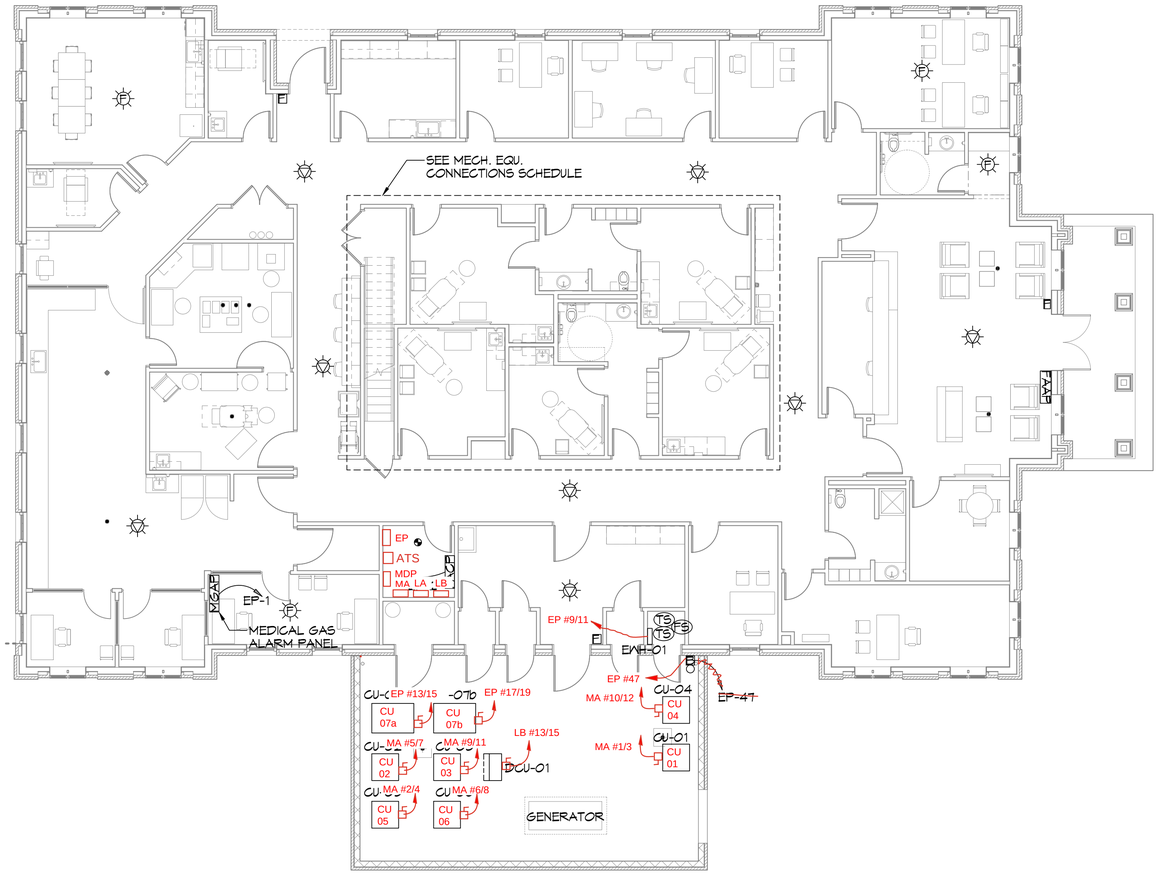
SHEET TITLE:
FIRST FLOOR
SECOND FLOOR
LIGHTING PLAN

DRAWING NUMBER:
E102

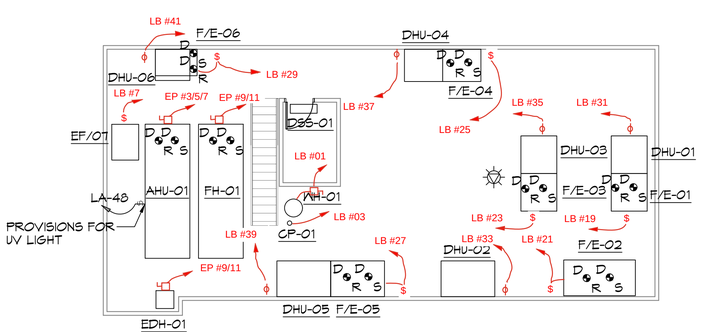
SHEET No: 17 of 18



37 AUXILIARY PLAN

SCALE: 3/16"=1'-0"

FIRST FLOOR



38 AUXILIARY PLAN- MEZZANINE

SCALE: 3/16"=1'-0"

SECOND FLOOR

MECHANICAL EQUIPMENT CONNECTIONS SCHEDULE

MARK	VOLTAGE	PANEL	CIRCUITRY	LOCAL DISCONNECT	REMARKS
AHU-01	208V3Φ	EP	3#12, #12(G), 1/2"C.	30/3I	
CU-01	208V1Φ	MA	2#8, #10(G), 3/4"C.	60/2/3R	
CU-02	208V1Φ	MA	2#10, #10(G), 3/4"C.	30/2/3R	
CU-03	208V1Φ	MA	2#8, #10(G), 3/4"C.	60/2/3R	
CU-04	208V1Φ	MA	2#12, #12(G), 1/2"C.	30/2/3R	
CU-05	208V1Φ	MA	2#8, #10(G), 3/4"C.	60/2/3R	
CU-06	208V1Φ	MA	2#10, #10(G), 3/4"C.	30/2/3R	
CU-07a	208V1Φ	EP	2#10, #10(G), 3/4"C.	30/2/3R	
CU-07b	208V1Φ	EP	2#10, #10(G), 3/4"C.	30/2/3R	
DCU-01	208V1Φ	MDP	2#12, #12(G), 1/2"C.	30/2/3R	INTERLOCKED WITH DSS-01
DSS-01	208V1Φ	MDP	2#12, #12(G), 1/2"C.	TWO POLE SWITCH ($^{3/P}$)	INTERLOCKED WITH DCU-01
F/E-01	120V, 1Φ	LB	2#10, #10(G), 3/4"C.	MOTOR RATED SWITCH (^{T})	
F/E-02	120V, 1Φ	LB	2#10, #10(G), 3/4"C.	MOTOR RATED SWITCH (^{T})	
F/E-03	120V, 1Φ	LB	2#10, #10(G), 3/4"C.	MOTOR RATED SWITCH (^{T})	
F/E-04	120V, 1Φ	LB	2#12, #12(G), 1/2"C.	MOTOR RATED SWITCH (^{T})	
F/E-05	120V, 1Φ	LB	2#10, #10(G), 3/4"C.	MOTOR RATED SWITCH (^{T})	
F/E-06	120V, 1Φ	LB	2#10, #10(G), 3/4"C.	MOTOR RATED SWITCH (^{T})	
DH-01	120V,1Φ	LB	2#12,#12(G), 1/2"C.	NEMA 5-20R	
DH-02	120V,1Φ	LB	2#12,#12(G), 1/2"C.	NEMA 5-20R	
DH-03	120V,1Φ	LB	2#12,#12(G), 1/2"C.	NEMA 5-20R	
DH-04	120V,1Φ	LB	2#12,#12(G), 1/2"C.	NEMA 5-20R	
DH-05	120V,1Φ	LB	2#12,#12(G), 1/2"C.	NEMA 5-20R	
DH-06	120V,1Φ	LB	2#12,#12(G), 1/2"C.	NEMA 5-20R	
EXH-01	208V, 1Φ	MA	2#12,#12(G), 1/2"C.	TWO POLE SWITCH (^{2P})	
EF-01	120V, 1Φ	LA	2#12,#12(G), 1/2"C.	PROVIDED WITH EQUIPMENT	INTERLOCKED WITH LIGHTS
EF-02	120V, 1Φ	LA	2#12,#12(G), 1/2"C.	PROVIDED WITH EQUIPMENT	INTERLOCKED WITH LIGHTS
EF-03	120V, 1Φ	LA	2#12,#12(G), 1/2"C.	PROVIDED WITH EQUIPMENT	INTERLOCKED WITH LIGHTS
EF-04	120V, 1Φ	LA	2#12,#12(G), 1/2"C.	PROVIDED WITH EQUIPMENT	INTERLOCKED WITH LIGHTS
EF-05	120V, 1Φ	EP	2#12,#12(G), 1/2"C.	PROVIDED WITH EQUIPMENT	INTERLOCKED WITH AHU-01
EF-06	120V, 1Φ	EP	2#12,#12(G), 1/2"C.	PROVIDED WITH EQUIPMENT	INTERLOCKED WITH AHU-01
EF-07	120V, 1Φ	LB	2#12,#12(G), 1/2"C.	PROVIDED WITH EQUIPMENT	INTERLOCKED WITH EMS SYSTEM
FH-01	208V, 1Φ	EP	2#12,#12(G), 1/2"C.	TWO POLE SWITCH (^{2P})	INTERLOCKED WITH EMS SYSTEM
EDH-01	208V, 1Φ	EP	2#1, #6(G), 1-1/4"C.	100/2/1	
CP-01	120V, 1Φ	LB	2#12, #12(G), 1/2"C.	30/1/1	
WH-01	120V, 1Φ	LB	2#12, #12(G), 1/2"C.	5-20R	

GENERAL NOTE 1: PRIOR TO SUBMITTING ELECTRICAL EQUIPMENT BROCHURES, THE CONTRACTOR SHALL VERIFY LOCATION, ACTUAL EQUIPMENT SUBMITTAL DATA AND ADJUST EQUIPMENT SERVICES ACCORDINGLY.

NOTE A: CORD AND PLUG PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

NEW MEDICAL OFFICE

POSITIVE STEPS FERTILITY

500 OAK HARBOR BLVD
SLIDELL, LA 70450

JOB No:	24-71
DATE:	04-30-2025
DRAWN BY:	GCD
CHECKED BY:	BAM

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SHEET TITLE:
FIRST FLOOR
SECOND FLOOR
AUXILIARY PLAN

DRAWING NUMBER:

E101

SHEET No: 16 of 18

GENERAL NOTES

1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
2. DEVICES NOTED AS "GFI" SHALL BE GROUND FAULT CIRCUIT INTERRUPTING DEVICES.
3. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE.
4. DEVICES NOTED AS "DL" SHALL BE RATED FOR DAMP LOCATION.
5. DEVICES NOTED AS "NL" SHALL BE NIGHT LIGHTS. PROVIDE UNSWITCHED POWER TO FIXTURE.
6. DEVICES NOTED AS "WG" SHALL BE PROVIDED AND INSTALLED WITH A WIRE GUARD.
7. DEVICES NOTED AS "TR" SHALL BE TAMPER RESISTANT.
8. PROVIDE UNSWITCHED POWER TO EMERGENCY BATTERY PACKS.

LUMINARIES (SEE LIGHT FIXTURE SCHEDULE)

NOTE: THE NUMBER INSIDE THE CIRCLE IS THE CURRENT NUMBER. THE LETTER BESIDE THE SYMBOL IS THE FIXTURE TYPE DESCRIBED IN THE LIGHT FIXTURE SCHEDULE.

- 2'X2' RECESSED FIXTURE
- 2'X4' RECESSED FIXTURE
- 1'X4' RECESSED FIXTURE
- 2'X2' RECESSED EMERGENCY FIXTURE
- 2'X4' RECESSED EMERGENCY FIXTURE
- 1'X4' RECESSED EMERGENCY FIXTURE
- 2'X2' RECESSED LIGHT FIXTURE WITH EMERGENCY AND NORMAL CIRCUITRY
- 2'X4' RECESSED LIGHT FIXTURE WITH EMERGENCY AND NORMAL CIRCUITRY
- SURFACE MOUNTED OR SUSPENDED FIXTURE
- SURFACE MOUNTED OR SUSPENDED EMERGENCY FIXTURE.
- RECESSED CEILING FIXTURE
- RECESSED EMERGENCY CEILING FIXTURE.
- PENDANT MOUNT FIXTURE
- CEILING MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.
- EXIT SIGN WITH EMERGENCY LIGHTING
- WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.
- EMERGENCY LIGHTING.
- WALL MOUNTED FIXTURE
- WALL MOUNTED LINEAR FIXTURE
- WALL MOUNTED EMERGENCY LINEAR FIXTURE
- SITE ARM MOUNT POLE LIGHT FIXTURE
- SITE POLE TOP LIGHT FIXTURE
- SURFACE MOUNTED TRACK AND TRACK LIGHTING FEATURE
- CEILING FAN
- WALLWASH OR SPOT LIGHT FIXTURE
- IN-GRADE MOUNTED FIXTURE

MISCELLANEOUS

- CONTRACTOR
- PHOTOCELL
- CEILING MOUNTED JUNCTION BOX
- WALL MOUNTED JUNCTION BOX
- FLEXIBLE CONNECTION TO EQUIPMENT

SWITCHES

- SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- DOUBLE-POLE, SINGLE-THROW, 30 AMP SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- THREE-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- LED/FLUROSCENT THREE WAY DIMMER. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- LED/FLUROSCENT DIMMER. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- AUTOMATIC WALL SWITCH. SENSORSWITCH #WSD-PDT OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- AUTOMATIC WALL SWITCH WITH INTEGRAL 0-10V DIMMER. LUTRON #MS-Z101 OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- (MD2) PASSIVE INFRARED AND UNTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 28' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-10 OR APPROVED EQUAL.
- PP POWER PACK MOUNTED ABOVE CEILING. SENSORSWITCH #PP20 OR APPROVED EQUAL.

FIRE ALARM SYSTEM

- F MANUAL PULL STATION. MOUNT AT 48"A.F.F. TO CENTERLINE OF BOX
- SMOKE DETECTOR
- T THERMAL DETECTOR
- D R DUCT SMOKE DETECTOR IN RETURN DUCT
- D S DUCT SMOKE DETECTOR IN SUPPLY DUCT
- FACP FIRE ALARM CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL
- FS FLOW SWITCH
- TS TAMPER SWITCH
- FIRE ALARM HORN AND STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX
- FIRE ALARM STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX

RECEPTACLES

- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT AT 45"A.F.F. TO CENTERLINE OF BOX.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT AT 45"A.F.F. TO CENTERLINE OF BOX.
- DF DUPLEX RECEPTACLE, NEMA 5-20R, FOR DRINKING FOUNTAIN FED FROM GFCI BREAKER. MOUNTED IN ACCORDANCE WITH MANUFACTURER'S ROUGH-IN REQUIREMENTS. VERIFY CONNECTION TYPE PRIOR TO BID. PROVIDE PROPER EQUIPMENT FOR CONNECTION TYPE REQUIRED.
- SINGLE RECEPTACLE, NEMA 14-50R, PROVIDE 6' CORD AND MATCHING PLUG WHERE REQUIRED. MOUNTING DETERMINED BY NEC FOR TYPE OF EQUIPMENT BEING CONNECTED.
- SINGLE RECEPTACLE, NEMA 6-30R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED FLUSH IN CEILING UNLESS NOTED OTHERWISE.

CCTV SYSTEM

- CEILING MOUNTED CAMERA
- WALL MOUNTED CAMERA
- INSIDE CORNER MOUNTED CAMERA
- OUTSIDE CORNER MOUNTED CAMERA
- M WALL MOUNTED MONITOR
- VM DESK MOUNTED MONITOR

CONDUIT AND WIRING

CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.

10 THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TEXT SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.

CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE MOUNTED RACEWAY (SEE SPECIFICATIONS).

CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.

LA-1 HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOEARD NAME WITH CIRCUIT NUMBER. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.

LA-1 PARTIAL HOMERUN TO PANELBOARD. COMBINE ALL PARTIAL HOMERUNS THAT ARE ON THE SAME CIRCUIT NUMBERS AT THE HOMERUN ARROWS.

LOW VOLTAGE CONDUCTORS USED FOR MOTION DETECTOR CIRCUITRY. SEE MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR REQUIREMENTS.

VOLTAGE DROP CHART FOR 20A, 1Φ CIRCUITS

VOLTAGE	CIRCUIT LENGTH	CONDUCTOR SIZE (AWG)
120	< 90'	#12
120	> 90'	#10
120	> 145'	#8
120	> 230'	#6
277	< 200'	#12
277	> 200'	#10
277	> 325'	#8
277	> 525'	#6

VOLTAGE DROP CHART NOTES:

1. CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED.
2. DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH. PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE.
3. FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES.

COMMUNICATIONS

- COMBINATION TELEPHONE/DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE BOX UNLESS NOTED OTHERWISE.
- COMBINATION TELEPHONE/DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH.
- TELEPHONE OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- TELEPHONE OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH.
- DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH.
- COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX.
- DUPLEX RECEPTACLE, NEMA 5-20R AND A COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R AND A COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX.
- TELEVISION CABLE OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- HDMI HDMI CONNECTION. PROVIDE A SINGLE GANG BOX WITH A 1"C. STUBBED ABOVE THE ACCESSIBLE CEILING.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	2BLT2-40L-ADSM-MVOLT-EZ1-LP840-DGA22	LED, 39W 4209 LUMENS	RECESSED	WITH DRYWALL GRID ADAPTER
AE	LITHONIA	2BLT2-40L-ADSM-MVOLT-EZ1-LP840-EL14L-DGA22	LED, 39W 4209 LUMENS	RECESSED	WITH DRYWALL GRID ADAPTER AND 120V EMERGENCY BATTERY PACK.
B	LITHONIA	ZL1N-L48-SMR-3000LM-FST-MVOLT-40K-80CRI-WH	LED, 25W 3243 LUMENS	SURFACE	
BE	LITHONIA	ZL1N-L48-SMR-3000LM-FST-MVOLT-40K-80CRI-E7WH-WH	LED, 25W 3243 LUMENS	SURFACE	WITH 120V EMERGENCY BATTERY PACK
C	LITHONIA	FMVCCL-24IN-MVOLT-40K-90CRI--BN	LED, 26W 1300 LUMENS	SURFACE	
D	LITHONIA	UCEL-36IN-40K-90CRI--WH	LED, 14.8W 1162 LUMENS	UNDER CABINET	
F	LITHONIA	LDN6-40/10-LW6-AR-LSS-MVOLT-EZ10	LED,12.75W 1082 LUMENS	RECESSED	
G	LITHONIA	WL4-40L-EZ1-LP840-MSD7-EL14L	LED, 39.5W 4124 LUMENS	WALL	WITH 120V EMERGENCY BATTERY PACK
H1	LITHONIA	LDN6-40/15-L06AR-LSS-MVOLT-EZ10	LED - 20.5W 1606 LUMENS	RECESSED	
H1E	LITHONIA	LDN6-40/15-L06AR-LSS-MVOLT-EZ10-EL	LED - 20.5W 1606 LUMENS	RECESSED	WITH 120V EMERGENCY BATTERY PACK
H2	LITHONIA	LDN6-40/15-L06AR-LSS-MVOLT-EZ10-WL	LED - 20.5W 1606 LUMENS	RECESSED	
J	KENALL	CSEFL 14-2-54-DCC-1-DV-PAF-H-U	(2) 54W, T5HO	RECESSED	
JE	KENALL	CSEFL 14-2-54-DCC-1-DV-PAF-H-U-EL	(2) 54W, T5HO	RECESSED	WITH 120V EMERGENCY BATTERY PACK
K	KENALL	MAUCSL-1-**-48-RS-120	(2) 28W, T5	UNDER CABINET	** COLOR BY ARCHITECT
L	LITHONIA	VTL4-48L-ADP-EZ1-LP840-DGA14	LED - 47W 4641 LUMENS	RECESSED	1X4 RECESSED FIXTURE WITH FLANGE KIT
LE	LITHONIA	VTL4-48L-ADP-EZ1-LP840-DGA14-EL14	LED - 47W 4641 LUMENS	RECESSED	1X4 RECESSED FIXTURE WITH FLANGE KIT. EITH 120V EMERGENCY BATTERY PACK.
M	LITHONIA	LDN6-40/20-L06AR-LSS-MVOLT-EZ10	LED - 35W 2143 LUMENS	RECESSED	
ME	LITHONIA	LDN6-40/20-L06AR-LSS-MVOLT-EZ10	LED - 35W 2143 LUMENS	RECESSED	WITH EMERGENCY BATTERY PACK
N	LITHONIA	ZL1N-L24-SMR-2500LM-FST-MVOLT-40K-80CRI-WH	LED, 19W 2315 LUMENS	SURFACE	
P	RIG-A-LIGHT	XP-50L-4-2L-U-50	LED - 46W LUMENS	SURFACE	
SA	LITHONIA	DSX1 LED-60C-700-40K-T4M-MVOLT-SPA-HS-DBLXD	LED - 131W 16238 LUMENS	POLE	POLE: SSS2546
SB	LITHONIA	LDN6-40/10-L06-AR-LS-MVOLT-EZ10-EL	LED, 12.75W 1082 LUMENS	RECESSED	RECESSED CAN
SC	LITHONIA	WST LED-P2-40K-VW-MVOLT-E7WH	LED, 25W 3512 LUMENS	WALL	EXTERIOR WALL SCONCE
SD	FEISS	OL5411BK-LED	LED, 14W 1000 LUMENS	PENDANT	
X	LITHONIA	LQM-S-W-3-R-120/277-EL N	LED	UNIVERSAL	WITH 120V EMERGENCY BATTERY PACK
Y	CIRCA LIGHTING	TOB 5011AN-NP	LED - (2)15W 1650 LUMENS	PENDANT	FINISH - AN LIGHT BULB PART NUMBER:L15A19D2541K
Z	TECH LIGHTING	L-W-5	LED - (2)9W 850 LUMENS	SEMIRECESSED	LIGHT BULB PART NUMBER: L9A19D2541K
AA	CIRCA LIGHTING	BBL-2027BZ-L	LED - 9W 850 LUMENS	WALL	FINISH - PWT LIGHT BULB PART NUMBER: LED5E12B1130K

GEAR

- ?/?/? F-? FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE; F-(RATING OF FUSES)
- ?/?/? NON-FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE.
- ? PANELBOARD
- K/E S LOCAL DISCONNECT PROVIDED WITH EQUIPMENT
- K/E LOCAL DISCONNECT PROVIDED WITH EQUIPMENT

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#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

NEW MEDICAL OFFICE

POSITIVE STEPS FERTILITY

500 OAK HARBOR BLVD
SLIDELL, LA 70458

JOB No: 2471 | DATE: 04-30-2025
DRAWN BY: CKD | CHECKED BY: BAM

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SHEET TITLE:
FIRST FLOOR
SECOND FLOOR
POWER PLAN

DRAWING NUMBER:

E101

SHEET No: 16 of 18