# PANEL DIRECTORIES

PANEL EXISTING PANEL "A" — 120/240 VOLT 1 PHASE 3 WIRE — LUGS 200 AMP — MAIN BREAKER 200 AMP

| USE | CKT. NO. | LOAD | BKR SIZE | BKR SIZE | LOAD | CKT. NO. | USE |
|---|---|---|---|---|---|---|---|
| LA OFFICE 1 | 1 | | 20/1 | 20/1 | | 2 | LA OFFICE 6 |
| ATTIC LIGHTS | 3 | | | | | 4 | LA OFFICE 7 |
| LA HALL | 5 | | | | | 6 | LA SERVER ROOM |
| **RX REC.** | 7 | **720** | | | | 8 | LA BACK HALL |
| BACK HALL | 9 | | | 100/2 | | 10 | LA OFFICE S/S |
| LA OFFICE 2 | 11 | | | | | 12 | |
| LA OFFICE 3 | 13 | | | 20/1 | | 14 | SPARE |
| LA OFFICE 4 | 15 | | | | | 16 | LA OFFICE 8 |
| LA ENTRYWAY | 17 | | | | | 18 | SPARE |
| LA OFFICE 5 | 19 | | | | | 20 | LA OFFICE BATHROOM |
| **RX REFRIGERATOR** | 21 | **600** | | | | 22 | LA OFFICE BATHROOM #2 |
| **HOT WATER RECIRC PUMP** | 23 | **500** | | | | 24 | LA OFFICE 8 |
| **GENERAL REC.** | 25 | **720** | | 30/2 | | 26 | EXISTING WATER HEATER |
| **HOLDING REC.** | 27 | **1080** | | | | 28 | |
| **EF-1 & EF-2** | 29 | **400** | | 60/2 | | 30 | EXISTING HEAT PUMP |
| ATTIC HVAC UNIT | 31 | | 50/2 | | | 32 | |
| | 33 | | | 60/2 | | 34 | EXISTING HEAT PUMP |
| **HALL 103 & HALL 104 REC.** | 35 | **1440** | **20/1** | | | 36 | |
| **EXAM 3 REC.** | 37 | **1080** | **20/1** | 60/2 | | 38 | EXISTING HEAT PUMP |
| **WAITING REC.** | 39 | **1080** | **20/1** | | | 40 | |
| **RECEPTION DESK REC.** | 41 | **1440** | **20/1** | — | — | 42 | SPARE |

NOTE: EXISTING PANEL TO REMAIN – CHANGES TO CIRCUITRY REQUIRED AS INDICATED ABOVE. EXISTING CIRCUITS OBTAINED FROM ENGINEERING SITE SURVEY. CIRCUITS SHOWN IN BOLD INDICATE NEW LOADS. LOADS NOT INDICATED AS NEW TO BE VERIFIED IN FIELD BY ELECTRICAL CONTRACTOR DURING CONSTRUCTION TO ENSURE OVERLOADING OF PANEL DOES NOT OCCUR. CONTRACTOR TO CLEARLY LABEL ALL CIRCUITS WITH WHAT PURPOSE/ROOM THEY SERVE. EXISTING CIRCUITS SHOWN TO BE REMOVED BY BOLD LETTERING ("SPARE") SHALL BE VERIFIED BY CONTRACTOR TO ENSURE THEY ARE NOT ASSOCIATED WITH NEIGHBORING TENANT PRIOR TO REMOVAL.

PANEL EXISTING PANEL "B" — 120/240 VOLT 1 PHASE 3 WIRE — LUGS 100 AMP — MAIN BREAKER MLO

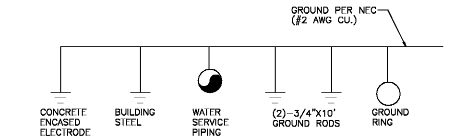
| USE | CKT. NO. | LOAD | BKR SIZE | BKR SIZE | LOAD | CKT. NO. | USE |
|---|---|---|---|---|---|---|---|
| LA FRONT OFFICE | 1 | | 20/1 | 20/1 | | 2 | LA CONFERENCE LIGHTS |
| LA BACK HALL LIGHTS | 3 | | | | | 4 | LA CONFERENCE |
| LA KITCHENETTE | 5 | | 20/2 | | | 6 | |
| | 7 | | | 15/1 | | 8 | LA STORAGE ROOM |
| **EXAM 2 REC.** | 9 | **1080** | **20/1** | 20/1 | | 10 | LA SIDE HALL LIGHTS |
| **EXAM 1 REC.** | 11 | **1080** | **20/1** | 15/1 | | 12 | LA STORAGE LIGHTS |
| LA BACK AREA CLOSET | 13 | | 15/1 | 20/2 | | 14 | LA PHONE SYSTEM |
| LA OFFICE 9 | 15 | | 20/1 | | | 16 | |
| **SPARE** | 17 | - | - | 20/2 | | 18 | ATTIC FANS |
| **SPARE** | 19 | - | - | | | 20 | |

NOTE: EXISTING PANEL TO REMAIN – CHANGES TO CIRCUITRY REQUIRED AS INDICATED ABOVE. EXISTING CIRCUITS OBTAINED FROM ENGINEERING SITE SURVEY. CIRCUITS SHOWN IN BOLD INDICATE NEW LOADS. LOADS NOT INDICATED AS NEW TO BE VERIFIED IN FIELD BY ELECTRICAL CONTRACTOR DURING CONSTRUCTION TO ENSURE OVERLOADING OF PANEL DOES NOT OCCUR. CONTRACTOR TO CLEARLY LABEL ALL CIRCUITS WITH WHAT PURPOSE/ROOM THEY SERVE. EXISTING CIRCUITS SHOWN TO BE REMOVED BY BOLD LETTERING ("SPARE") SHALL BE VERIFIED BY CONTRACTOR TO ENSURE THEY ARE NOT ASSOCIATED WITH NEIGHBORING TENANT PRIOR TO REMOVAL. IT IS ASSUMED PANEL "B" IS FED FROM PANEL "A", CONTRACTOR TO VERIFY.

PANEL NEW PANEL "FV" — 120/240 VOLT 1 PHASE 3 WIRE — LUGS 400 AMP — MAIN BREAKER 400 AMP

| USE | CKT. NO. | LOAD | BKR SIZE | BKR SIZE | LOAD | CKT. NO. | USE |
|---|---|---|---|---|---|---|---|
| SPARE | 1 | — | — | 20/1 | 600 | 2 | STORAGE FREEZER |
| ↓ | 3 | — | — | | 69 | 4 | SCS-2 |
| EM LIGHTING | 5 | 442 | 20/1 | | 540 | 6 | STORAGE/X-RAY REC. |
| HOSPITAL LIGHTING | 7 | 1568 | | 125/2 | 10000 | 8 | X-RAY MACHINE |
| RECEPTION LIGHTING | 9 | 256 | | | 10000 | 10 | |
| UNDERCABINET LIGHTING | 11 | 125 | | 20/1 | 1725 | 12 | AUTOCLAVE |
| AC-1/DU-1 | 13 | 1778 | 25/2 | | 1725 | 14 | ↓ |
| | 15 | 1778 | | | 1080 | 16 | PACK PREP REC. |
| DENTAL X-RAY | 17 | 600 | 20/1 | | 1080 | 18 | SURGERY REC. |
| DENTAL CART | 19 | 1500 | | | 1080 | 20 | ↓ |
| DENTAL REC. | 21 | 900 | | | 1200 | 22 | IDEXX MACHINES |
| RTU-1 | 23 | 2806 | 40/2 | | 1260 | 24 | LAB #113 REC. |
| | 25 | 2806 | | | 900 | 26 | TREATMENT #119 |
| RTU-2 | 27 | 2806 | 40/2 | | 900 | 28 | |
| | 29 | 2806 | | | 900 | 30 | ↓ |
| FU-1 | 31 | 9545 | 90/2 | | 1260 | 32 | BREAKROOM REC. |
| | 33 | 9545 | | | 600 | 34 | BREAKROOM REFRIGERATOR |
| CU-1 | 35 | 2070 | 30/2 | | 1440 | 36 | DOCTOR'S OFFICE REC. |
| | 37 | 2070 | | | 1260 | 38 | MANAGER REC. |
| SPARE | 39 | — | 20/1 | | — | 40 | SPARE |
| ↓ | 41 | — | | | — | 42 | |

GROUNDING SHALL CONSIST OF COPPER CONDUCTORS IN CONDUIT WITH BOLTED, OR BRAZED, CONNECTION TO EACH ILLUSTRATION BELOW FOR THE GROUND. GROUNDING AND BONDING SHALL COMPLY WITH NEC ARTICLES 230 & 250. ALL METALLIC RACEWAYS SHALL BE GROUNDED




SPECIAL NOTE: IG AND GFI RECEPTACLES SHALL BE RATED AT 20 AMPERES AND SHALL HAVE A DEDICATED INSLUATED GREEN GROUND WIRE, THE GROUND WIRE SHALL BE RUN CONTINUOUS AND UNSPLICED BETWEEN THE DEVICE AND THE PANEL GROUND BUS

## SUGGESTED SERVICE GROUND DETAIL

NOT TO SCALE

PANEL "FV" FEEDER

| LCL | INPUT | FACTOR | VA |
|---|---|---|---|
| signage, general lighting, cash register, etc. | 2391 | 1.25 | 2989 |
| * track lighting | 0 | 75.00 | 0 |
| ** a.c. equipment (rtu, ahu, cu, etc.) - 240 volt 1 phase | 140.8 | 240.00 | 33792 |
| ** a.c. equipment (rtu, ahu, cu, etc.) - 240 volt 3 phase | 0 | 415.68 | 0 |
| Sub Total | | | 36781 |
| **NON LCL** | | | |
| water heater,unit heater, sensomatic, traffic counter, misc., etc. | 28019 | 1 | 28019 |
| *** receptacles | 12600 | | 11300 |
| Sub Total | | | 39319 |
| TOTAL | | | 76100 |

@ 240 volt - total amperage equals 317.1

* Track lighting calculated per 2014 NEC Article 220.43(B)
** MCA used includes 125% of largest motor per 20014 NEC Article 220.18(A)
*** Receptacles calculated per 2014 NEC Article 220.44 — 1st 10 kva @ 100%. All other @ 50%
**** Show-window lighting calculated per 2014 NEC Article 220.43(A) — 200 VA per LF of show-window minus actual lighting installed

## ELECTRICAL SYMBOLS

- DUPLEX RECEPTACLE: HUBBELL, MODEL #5362-W
- IG — ISOLATED GROUND DUPLEX RECEPTACLE: HUBBELL, MODEL #IG-5362-OR
- GFI — GROUND FAULT DUPLEX RECEPTACLE: HUBBELL, MODEL #GF20WL
- USB — COMBINATION USB/RECEPTACLE: EATON, MODEL #TR7756W.
- WP — WEATHERPROOF DUPLEX RECEPTACLE: HUBBELL, MODEL #GF-5362 WITH "A8" ALUMINUM COVER PLATE
- QUAD RECEPTACLE: TWO (2) HUBBELL, MODEL #5362-W DUPLEX RECEPTACLES IN A COMMON JUNCTION BOX WITH A 4 GANG COVER PLATE
- $ — SINGLE POLE SWITCH: LUTRON, MODEL #CA-1PS-WH
- $D — DIMMER SWITCH: LUTRON, MODEL #DVSTV-WH, 0-10V
- $OSD — OCCUPANCY/VACANCY DIMMER LUTRON, MAESTRO MODEL #MS-Z101-WH.
- $UC — UNDERCABINET LIGHTING DIMMER EATON, MODEL #DAL06P.
- OC — CEILING MOUNTED OCCUPANCE SENSOR: WATT STOPPER, MODEL #W-1000A. BZ-50 POWER PACK FOR USE WITH WALL SWITCH FOR MANUAL ON/AUTOMATIC OFF CAPABILITIES.
- $T — TIMER SWITCH: BROAN, MODEL #61W.
- SPECIAL PURPOSE RECEPTACLE
- J — JUNCTION BOX
- COMBO VOICE/DATA OUTLET
- W — COMBO VOICE/DATA OUTLET
- TELEVISION OUTLET
- DISCONNECT SWITCH
- P — PULL STATION
- CEILING MOUNTED HORN/STROBE
- CEILING MOUNTED STROBE ONLY
- D — SMOKE DETECTOR
- PC — PHOTOCELL
- C — DOOR CONTACT
- CA — CAMERA LOCATION
- PS — PANIC SWITCH
- K — KEY PAD
- MON — SECURITY MONITOR
- R — CARD READER
- TRANSFORMER

## ELECTRICAL ABBREVIATIONS

| | |
|---|---|
| A | AMPERE(S) |
| AFF | ABOVE FINISHED FLOOR |
| AHJ | AUTHORITY HAVING JURISDICTION |
| AIC | AMPERES INTERRUPTING CURRENT |
| ATS | AUTOMATIC TRANSFER SWITCH |
| C | CIRCUIT |
| CT | CURRENT TRANSFORMER |
| DIST | DISTRIBUTION |
| DS | DISCONNECT SWITCH |
| EC | ELECTRICAL CONTRACTOR |
| EF | EXHAUST FAN |
| EM | EMERGENCY |
| EX | EXISTING |
| EXR | EXISTING RELOCATED |
| F | FUSE |
| FLA | FULL LOAD AMPS |
| GD | GARBAGE DISPOSAL |
| GC | GENERAL CONTRACTOR |
| GFI | GROUND FAULT INTERRUPTER |
| GND | GROUND |
| HP | HORSE POWER |
| IG | ISOLATED GROUND |
| KVA | KILOVOLT AMPERE(S) |
| KW | KILOWATT(S) |
| MCA | MINIMUM CIRCUIT AMPERE(S) |
| MCB | MAIN CIRCUIT BREAKER |
| MLO | MAIN LUG ONLY |
| NL | NIGHT LIGHT |
| PH | PHASE |
| PNL | PANEL |
| RECPT | RECEPTACLE |
| SW | SWITCH |
| V | VOLT(S) |
| W | WATT(S) |
| WP | WEATHERPROOF |

## ELECTRICAL WORK NOTES

1. THE ENTIRE INSTALLATION SHALL BE MADE IN STRICT ACCORDANCE WITH THE LANDLORD'S REQUIREMENTS.
2. ELECTRICAL WORK SHALL BE COMPLETE IN EVERY DETAIL AND ALL MISCELLANEOUS ITEMS OF MATERIAL AND LABOR NECESSARY TO COMPLETE THE WORK DESCRIBED, SHOWN OR REASONABLY IMPLIED ON DRAWINGS OR SPECIFICATIONS SHALL BE INCLUDED IN THE CONTRACT. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO THE WORK WHERE REQUESTED BY THE OWNER, WHEN SUCH ADJUSTMENTS ARE NECESSARY TO PROPER OPERATION AND WITHIN THE INTENT OF THE CONTRACT.
3. ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND VIEW ALL EXISTING CONDITIONS BEFORE SUBMITTING A PROPOSAL FOR THE WORK AS DESCRIBED AND SHOWN. NO EXTRAS WILL BE ENTERTAINED FOR FAILURE TO MAKE THIS VISIT.
4. ELECTRICAL CONTRACTOR SHALL ACCEPT SOLE AND COMPLETE RESPONSIBILITY FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK.
5. CONFORM TO GENERAL CONTRACTOR'S SCHEDULE AND INSTRUCTIONS THROUGHOUT THE DURATION OF THE PROJECT AS REQUIRED TO COMPLY IN EVERY WAY NECESSARY. AT NO TIME SHALL ANY WORK BE UNDERTAKEN WHICH SHALL INTERFERE WITH THE NORMAL OPERATION OF BUSINESS. ANY SHUTDOWN MUST OCCUR AFTER REGULAR BUSINESS HOURS AND MUST BE CLEARED WITH THE MANAGEMENT WITH PROPER PRIOR NOTICE GIVEN TO THE OWNER'S REPRESENTATIVE.
6. CONTRACTOR SHALL NOTIFY THE OWNER OF ERRORS, OMISSIONS OR DISCREPANCIES BEFORE CONSTRUCTION OR FABRICATION OF AFFECTED WORK, OR, FAILING SUCH NOTICE, SHALL BE RESPONSIBLE FOR CORRECTING SAME WITHOUT COST TO TENANT, ARCHITECT OR ENGINEER.
7. ORDER EQUIPMENT ON A TIMELY BASIS (WITHIN 5 DAYS OF RECEIPT OF CONTRACT) TO MAINTAIN CONSTRUCTION SCHEDULE.
8. SUBMIT ELECTRONIC COPIES OF SHOP DRAWINGS OF ALL EQUIPMENT FOR REVIEW BY THE ARCHITECT/ENGINEER. ONE (1) COPIES WILL BE RETAINED FOR RECORD. ONLY FURNISH SYSTEMS, EQUIPMENT AND MATERIAL IN COMPLIANCE WITH APPROVED SHOP DRAWINGS.
9. WORK SHALL INCLUDE STARTUP OF ALL SYSTEMS, FURNISHING OF OPERATING AND MAINTENANCE INSTRUCTIONS, WARRANTEE FOR ALL EQUIPMENT AND ONE YEAR GUARANTEE OF ALL WORKMANSHIP, COMMENCING ON DATE OF ACCEPTANCE BY THE TENANT.
10. WORK SHALL ALSO INCLUDE FULL ONE (1) YEAR MAINTENANCE, PARTS AND SERVICE CONTRACT FOR ALL EQUIPMENT FURNISHED UNDER THE CONTRACT.
11. ALL WIRE SHALL BE COPPER. MINIMUM SIZE #12 AWG. ALL CONDUCTORS #10 AND SMALLER SHALL HAVE TYPE "THHW" INSULATION. CONDUCTORS LARGER THAN #10 SHALL HAVE TYPE "THHN" INSULATION.
12. ALL WIRE SHALL BE IN CONDUIT AND SHALL BE CONCEALED FROM VIEW. EXPOSED CONDUIT SHALL BE INSTALLED IN STRAIGHT LINES PARALLEL WITH OR PERPENDICULAR TO COLUMN LINES OR BEAMS AND SHALL BE SEPERATED BY AT LEAST 3" INCHES FROM DOMESTIC WATER LINES WHENEVER ALONG SIDE OR ACROSS SUCH LINES. ROMEX IS NOT PERMITTED. FLEXIBLE CONDUIT OR TYPE MC CABLE MAY BE USED FOR FIXTURE AND EQUIPMENT CONNECTIONS ONLY, AND WHERE SO USED SHALL BE GROUNDED WITH A SEPERATE FULL SIZED GREEN GROUNDING CONDUCTOR. FLEXIBLE CONDUIT CONNECTIONS SHALL BE LIMITED TO 3'-0" IN LENGTH. CONDUIT EXPOSED TO WEATHER SHALL BE RIGID. ALL OTHER CONDUIT SHALL BE EMT. CONDUIT FITTINGS SHALL BE COMPRESSION OR [illegible] TYPE. USE OF SET SCREW FITTINGS IS NOT ACCEPTABLE.
13. CONDUIT IN FINISHED AREAS SHALL BE CONCEALED. CONDUIT IN UNFINISHED AREAS MAY BE EXPOSED.
14. HOME RUNS OVER 100' IN LENGTH SHALL BE #10 WIRE.
15. CONTRACTOR SHALL ENSURE THAT ENTIRE INSTALLATION IN ACCORDANCE WITH N.E.C. ARTICLE 110-26 AND THAT ALL REQUIRED OPERATING AND MAINTENANCE CLEARANCES ARE MAINTAINED AND ACCOUNTED FOR. ADJUSTMENTS TO LAYOUT SHOWN TO ACCOMMODATE CLEARANCE REQUIREMENTS SHALL BE DISCUSSED WITH ARCHITECT AND/OR ENGINEER SO AS TO MINIMIZE IMPACT ON OTHER SYSTEMS. CONTACT ARCHITECT AND/OR ENGINEER FOR DISPOSITION.
16. CONTRACTOR SHALL OBTAIN AVAILABLE FAULT CURRENT RATING AND PROVIDE PROTECTION FOR MAIN CIRCUIT BREAKERS AND BRANCH DEVICES AS REQUIRED.
17. SEAL ALL PENETRATIONS THROUGH WALLS, CEILINGS, FLOORS, ETC. SO THAT THEY ARE AIR, WATER AND FIRE TIGHT.
18. LIGHTING CIRCUITS WHICH ARE SWITCHED AT PANELS SHALL BE FITTED WITH TYPE "SWD" BREAKERS SUITABLE FOR SWITCHING SERVICE.
19. FURNISH AND INSTALL TYPEWRITTEN PANEL DIRECTORY(IES). IDENTIFY AND LABEL ALL ELECTRICAL SERVICE EQUIPMENT.
20. FURNISH TWO (2) COPIES OF THE ELECTRIC RISER DIAGRAM AND PANEL DIRECTORY(IES) TO THE TENANT FOR REVIEW AND APPROVAL, OR SUBMIT A LETTER TO THE TENANT CONFIRMING THAT THE SYSTEM WAS INSTALLED AS PER PLANS AND SPECIFICATIONS.
21. FURNISH ALL EQUIPMENT MANUALS AND WARRANTIES TO TENANT AT THE COMPLETION OF THE PROJECT.
22. WIRE EMERGENCY BALLAST AND BATTERY LIGHTS ON SAME CIRCUIT IN AREA AND AHEAD OF LOCAL SWITCHING.
23. ALL LIGHTING FIXTURES WILL BE FURNISHED BY THE CONTRACTOR.
24. SWITCHES, NOT OTHERWISE CALLED OUT, SHALL BE MOUNTED 4'-6" ABOVE FLOOR.
25. RECEPTACLES AND TELEPHONE OUTLETS IN SPACE SHALL BE MOUNTED AT 18" A.F.F. UNLESS NOTED. RECEPTACLES AND COVERS SHALL BE AS CALLED FOR IN THE SPECIFICATIONS.
26. ALL COVERPLATES FOR ALL DEVICES SHALL BE AS REQUIRED TO MATCH ADJACENT FINISHES – COORDINATE WITH OWNER.
27. VERIFY EXACT LOCATION OF OUTLETS AND DEVICES WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. FURNISH AND INSTALL OUTLET BOXES, DEVICES, COVERPLATES AND FLANGES AS REQUIRED.
28. IG AND GFI RECEPTACLES SHALL BE RATED AT 20 AMPERES AND SHALL HAVE A DEDICATED INSULATED GREEN GROUND WIRE, THE GROUND WIRE SHALL BE RUN CONTINUOUS AND UNSPLICED BETWEEN THE DEVICE AND THE PANEL GROUND BUS.
29. MOUNTING HEIGHTS OF EQUIPMENT NOT SPECIFICALLY CALLED FOR ARE NOTED ON ARCHITECTURAL DRAWINGS – SEE ARCHITECTURAL DRAWINGS TO COORDINATE.
30. SUPPORT ALL FIXTURES ACROSS CEILING TEES OR FROM STRUCTURE ABOVE. IN NO CASE SHALL CEILING TILES OR PLASTER CEILING SUPPORT ANY FIXTURES.
31. SUPPORT ALL FIXTURES WITH UNISTRUT AS REQUIRED.
32. WORK SHALL INCLUDE STARTUP OF ALL SYSTEMS, FURNISHING OF OPERATING AND MAINTENANCE INSTRUCTIONS AND ONE YEAR GUARANTEE, COMMENCING ON DATE OF ACCEPTANCE BY THE TENANT.
33. FURNISH ALL MATERIAL AND EQUIPMENT AS SPECIFIED, EXCEPT WHERE SPECIFIC APPROVAL FOR SUBSTITUTION IS GIVEN BY THE OWNER.
34. PROPOSAL SHALL BE BASED ON SPECIFIED MATERIAL AND EQUIPMENT. IN ORDER TO PROMOTE COMPETITION, HOWEVER, BIDDERS ARE ENCOURAGED TO SUBMIT ALTERNATE PROPOSALS ON ANY ALTERNATE MATERIALS AND/OR EQUIPMENT THEY WISH TO PROPOSE, INCLUDING ANY PRICE CHANGES EFFECTED BY ACCEPTANCE OF ALTERNATES.
35. COST OF ANY CHANGES REQUIRED BY OTHER TRADES DUE TO SUBSTITUTION OF ALTERNATE EQUIPMENT SHALL BE INCLUDED IN THE ALTERNATE PROPOSAL.
36. UPON COMPLETION OF WORK, PREPARE LIGHTING AND POWER PROJECT RECORD RECORD SET. PRESENT THE COMPLETED DRAWINGS TO THE OWNER. AS-BUILT DRAWINGS SHALL INCLUDE ALL BRANCH CIRCUIT WORK, ANY PANELBOARD INFORMATION, FINAL SWITCHING, ETC. RECORD SETS SHALL BE IN PDF AND CAD FORMAT.
37. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE FIRE PROOFED TO THE SAME OR GREATER RATING THAN THAT OF THE ASSEMBLY. WHERE CONFLICT OCCURS, NOTIFY THE ARCHITECT.
38. ALL FUSES 600 AMPERES OR LESS SHALL BE UL LISTED, CLASS RK1 OR J, LOW-PEAK, DUAL ELEMENT, TIME DELAY, 600 VOLT. ACCEPTABLE MANUFACTURES ARE BUSSMAN, GOULD OR SHAWMUT.
39. VERIFY LOCAL CONDITIONS AT SITE.
40. COMPLY WITH ALL APPLICABLE CODES.
41. SECURE AND PAY FOR ALL REQUIRED PERMITS

Order Plans @ WWW.LDILine.com

MD ARCHITECTS
Creating Engaging Experiences
FAMILY VET GROUP

WEST ASHEVILLE FAMILY VET HOSPITAL
547 HAYWOOD ROAD
ASHEVILLE, NC 28809
ELECTRICAL DETAILS

CERTIFICATION: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022419 D. J. PENN 09/28/2020

| No | Revision | Date |
|---|---|---|
| | | |

| NO: | ISSUED FOR: | DATE: |
|---|---|---|
| 1 | PLAN REVIEW SET | 09/28/2020 |

PLOT DATE: 9/4/2020 11:18:17 AM
PROJECT NUMBER: PROJECT #
SHEET: ELECTRICAL DETAILS

# E4.1

CHECKED BY: RDR
DRAWN BY: Author

THESE DRAWINGS ARE GIVEN IN CONFIDENCE AND SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH MD ARCHITECTS, P.C. NO OTHER USE OR DUPLICATION MAY BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF MD ARCHITECTS, P.C. ALL OTHER COPYRIGHT AND COMMON LAW RIGHTS ARE HEREBY SPECIFICALLY RESERVED.

DPCE
1301 Solana Blvd.
Bldg. 1, Suite 1420
Westlake, TX 76262
+1 817 410 2858
WWW.DONPENN.COM
NORTH CAROLINA REGISTERED ENGINEERING FIRM F1413