

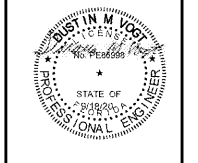
GENERAL ELECTRICAL NOTES

- A. ALL SINGLE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 AMPERES OR LESS, INSTALLED IN THE FOLLOWING LOCATIONS, BATHROOMS, KITCHENS, ROOFTOPS, OUTDOORS, AND WITHIN 6 FEET OF SINKS SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL PER NEC 210.8(B). GFCI PROTECTION SHALL BE IN ACCESSIBLE LOCATION, NOT BEHIND EQUIPMENT, EITHER AT RECEPTACLE, AT CIRCUIT BREAKER OR WITH SELF TEST BLANK FACE GFCI OUTLET. ALL 120V RECEPTACLES LOCATED IN THE GARAGE AREA SHALL BE GFCI RECEPTACLES.
- B. PROVIDE ALL FIRE ALARM DEVICES REQUIRED BY NFPA 72 & AHJ WHETHER SHOWN ON PLAN OR NOT. COORDINATE WITH THE LOCAL FIRE MARSHALL TO PROVIDE A COMPLETE WORKING SYSTEM.
- C. PRIOR TO ROUGH-IN, VERIFY MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS WITH OWNER AND ARCHITECTURAL DETAILS.
- D. HEIGHT OF ALL SWITCHES, PULLS, AND CONTROLS SHALL BE ACCESSIBLE PER A.D.A. MAXIMUM 48" AFF.
- E. CORD DROPS THROUGH SERVICE BAY AREA SHALL BE AT 7'-0" A.F.F. PROVIDE STRAIN RELIEF AND SUPPORT FOR ALL CORD DROPS.
- F. ALL RECEPTACLES TO BE MOUNTED AT 18" A.F.F. UNLESS OTHERWISE NOTED. COORDINATE EXACT HEIGHTS AND LOCATIONS WITH ARCHITECT AND REFER TO ARCHITECTURAL DRAWINGS FOR ALL DEVICE ELEVATIONS, CASEWORK, SHOP DRAWINGS, AND EQUIPMENT INSTALLATION. REFER TO EQUIPMENT INSTALLATION DRAWINGS IF PROVIDED. COORDINATE ALL "ABOVE COUNTER" RECEPTACLE LOCATIONS.
- G. CALIBER COLLISION SHALL COMPLY WITH WITH THE INTERNATIONAL FIRE CODE GROUNDING REQUIREMENTS. ANY AND ALL STATIC-PRODUCING EQUIPMENT LOCATED IN FLAMMABLE GAS STORAGE OR USED AREAS, SHALL BE GROUND.
- H. DEVICES LOCATED IN THE AUTOMOTIVE AREAS SHALL BE MOUNTED AT 48" A.F.F. UNLESS NOTED OTHERWISE IN ACCORDANCE WITH NEC REQUIREMENTS. ANY ELECTRICAL DEVICE OR APPURTENANCES LOCATED BETWEEN 0' TO 24" A.F.F. IN THE AUTOMOTIVE AREA SHALL MEET NEC INSTALLATION REQUIREMENTS FOR CLASS 1, DIVISION 2 HAZARDOUS LOCATIONS.
- I. RECEPTACLES LABELED WITH "WP" SHALL BE WEATHER-RESISTANT AND PROVIDED WITH A WEATHER PROOF "WHILE-IN-USE" COVER.
- J. ALL CONNECTIONS/DEVICES SHOWN ARE FOR SPECIFIED EQUIPMENT. EQUIPMENT IS SUBMITTED AND APPROVED FROM DIFFERENT MANUFACTURER AND HAVE DIFFERENT REQUIREMENTS. COORDINATE ALL ELECTRICAL REQUIREMENTS FOR EACH PIECE OF EQUIPMENT PROVIDED AND REVISE TELEPHONE/DATA CONNECTIONS AS REQUIRED TO MATCH MANUFACTURERS RECOMMENDATION AND SPECIFICATION. ALL ADDITIONAL COST ITEMS FOR UPGRADING THE TELEPHONE/DATA COMPONENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PROVIDING SUBMITTED EQUIPMENT.
- K. ALL ELECTRICAL DEVICES TO BE A MINIMUM OF 42" AWAY FROM PAINT BOOTH DOORS. REFER TO GARNAT SPECIFICATIONS FOR EXACT LOCATIONS OF AREAS TO REMAIN FREE OF SPARKING DEVICES.
- L. COORDINATION IS REQUIRED WITH TRADES FOR THE PROVISION AND INSTALLATION OF EQUIPMENT DISCONNECTS.
- M. ALL EXPOSED CONDUIT IN SERVICE BAY AREA SHALL BE ROUTED TO CREATE 90 DEGREE ANGLES. CONTRACTOR SHALL ROUTE ALL SERVICE BAY HOME RUNS AT STRUCTURE ABOVE THE STRIPED PAINTED WALKWAY.

ELECTRICAL NOTES BY SYMBOL "◇"

- 1. (3) DUAL GANG JUNCTION BOXES MOUNTED A MINIMUM OF 18" BELOW STRUCTURE FOR SO CORD. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION. PROVIDE (1) 120V/1P/20A GENERAL GFI L5-20R LOCKING RECEPTACLE, (1) 208V/2P/50A LOCKING RECEPTACLE, AND (1) 480/3P/40A (MINIMUM) LOCKING 4-WIRE STRAIGHT BLADE RECEPTACLE WITH SO DROP DOWN CORD REELS. COORDINATE LOCATION AND MOUNTING WITH OWNER PRIOR TO INSTALLATION.
- 2. ALL CONDUITS AND WIRING FOR BOOTH NOT TO BE INSTALLED TO FINAL LOCATIONS UNTIL INSTALLATION OF BOOTH. COORDINATE SCHEDULE AND EXACT LOCATION OF POWER INSTALLATION WITH BOOTH REPRESENTATIVE.
- 3. PROVIDE 60/3P/3R DISCONNECT SWITCH FOR COMPRESSOR.
- 4. CONNECTION FOR TWIN-POST RACK. PROVIDE A4-11/16"X-18" JUNCTION BOX FOR POWER CONNECTION. CALIBER EQUIPMENT SUPPLIER TO MAKE FINAL CONNECTION. COORDINATE EXACT ROUGH-IN LOCATION WITH EQUIPMENT SUPPLIER, ARCHITECT AND OWNER.
- 5. WORKING CLEARANCE OF ELECTRICAL PANELS.
- 6. PROVIDE PERMANENT SIGN TO BE POSTED IN THIS AREA WITH 1" LETTERING: "NO STORAGE IS PERMITTED IN THIS AREA - ELECTRICAL PANEL DESIGNATED WORK CLEARANCE."
- 7. PROVIDE JUNCTION BOX, MOUNTED AT BOTTOM OF STRUCTURE FOR HEAT LAMP AND ASSOCIATED SWITCH SHALL BE LOCATED IN OVERRIDE SWITCH BANK LOCATION. COORDINATE EXACT REQUIREMENTS AND ROUGH-IN LOCATION WITH OWNER.
- 8. THE WIRING METHODS FOR THE SPRAY BOOTHS SHALL BE CLASS 1, DIVISION 2 PER 2017 NEC ARTICLE 516.5(D)(4).
- 9. PROVIDE RECEPTACLE FOR TWIN POST LIFT.
- 10. PROVIDE RECEPTACLE THAT IS COMPATIBLE WITH NEMA L5-30P TWIST-LOCK TYPE PLUG FOR LIFT CONTROL UNIT.
- 11. REFER TO 4/A4.0 FOR UNDER FLOOR CONDUIT FOR VENDORS' HYDRAULIC LINES.
- 12. PROVIDE RECEPTACLE THAT IS COMPATIBLE WITH NEMA L5-30P TWIST-LOCK TYPE PLUG FOR LIFT CONTROL UNIT.
- 13. WALL/CEILING MOUNTED AUDIO/VISUAL FIRE ALARM ANNUNCIATION DEVICES ARE SHOWN FOR COORDINATION WITH OTHER TRADES AND FOR GENERAL TABIADA CONFORMANCE ONLY AND NOT FOR PLANNING THE SYSTEM. FIRE ALARM SYSTEM SHALL BE DESIGNED BY LICENSED INDIVIDUAL IN FIRE ALARM SYSTEM DESIGN. REFER TO ELECTRICAL SPECIFICATIONS FOR FINAL REQUIREMENTS.
- 14. STUB UP AND CAP CONDUITS FOR FUTURE PAINT BOOTH CONNECTIONS. VERIFY FINAL LOCATION WITH PAINT BOOTH INSTALLER. VERIFY FINAL LOCATION WITH PAINT BOOTH INSTALLER.
- 15. LIGHTING UNITS WILL BE PROVIDED BY THE MANUFACTURER. WIRING, MINIMUMS, AND EQUIPMENT IN PAINT MIXING ROOMS MUST COMPLY WITH 516.1 AND 516.4 FOR CLASS 1 DIVISION 1 LOCATIONS.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DUSTIN M. VOGT PE ON 08-18-2020 USING A DIGITAL SIGNATURE. PRINTED COPIES ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



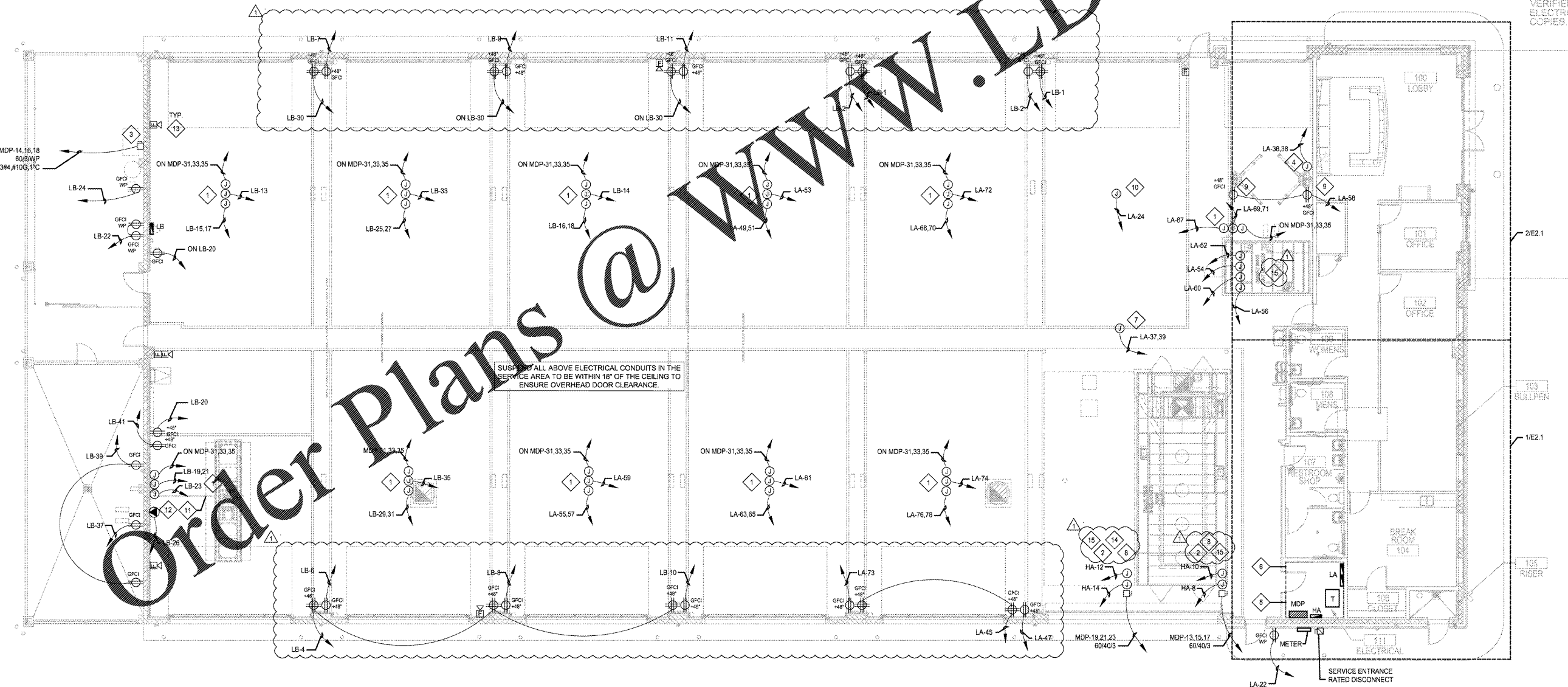
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NO.	DATE	BY	BUILDING DEPARTMENT CORRECTIONS	DESCRIPTION	REVISIONS
1	08/19/20	JHR			

POWER PLAN
CALIBER COLLISION
2300 GREEN RD
LAKE AND, FL
PROJECT NO. 202002

FILE NAME: 192006
DRAWN BY: SZK
DATE: 08/19/2020
REVIEWED BY: DIMV

E2.0



01 POWER PLAN
1/8"=1'-0"