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REVISION: . . . . .

ISSUED: . . . . .

project architect: KAK  
drawn by: JJD

**LOWER LEVEL  
POWER  
PLAN**

sheet number:

**E1.01**

POWER NOTES		POWER LEGEND		POWER LEGEND																																																			
<p>1. THESE PLANS ARE PROVIDED AS A MEANS OF ESTABLISHING THE MINIMUM DESIGN CRITERIA FOR THE ELECTRICAL WORK. THE REFERENCED PLANS ARE SCHEMATIC IN NATURE AND ARE NOT TO BE RELIED UPON FOR CODE COMPLIANCE OR SUITABILITY OF PURPOSE. IT IS THE RESPONSIBILITY OF THE DESIGN-BUILD SUBCONTRACTOR, IN CONJUNCTION WITH THE DESIGN ENGINEER, TO ASSURE ALL WORK IS IN ACCORDANCE WITH APPLICABLE CODES, RULES, STATUTES, ORDINANCES AND GOOD ENGINEERING PRACTICES.</p> <p>2. SIGNIFICANT DESIGN ALTERATIONS, ADDITIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL BEFORE PROCEEDING.</p> <p>3. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE ELECTRICAL SYSTEM INSTALLATION WITH ALL TRADES INCLUDING MECHANICAL, ARCHITECTURAL, STRUCTURAL AND PLUMBING.</p> <p>4. ELECTRICAL WORK SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL STANDARDS, CODES, AND GUIDELINES.</p> <p>5. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT SERVICE SIZE IS ADEQUATE.</p> <p>6. EACH ROOF TOP UNIT TO HAVE ONE 120V OUTLET.</p> <p>7. RECEPTACLE MOUNTING HEIGHT 18" TO CENTER OF RECEPTACLE, UNLESS NOTED OTHERWISE (U.N.O.).</p> <p>8. PROVIDE A 120/208V 3P ELECTRICAL ENTRANCE OF SUFFICIENT SIZE TO ACCOMMODATE ALL EQUIPMENT INDICATED.</p> <p>9. 120/208V SUBPANEL TO BE INSTALLED IN UTILITY ROOMS AS INDICATED ON PLANS.</p> <p>10. AN ELECTRICAL FEEDER TO BE INSTALLED FOR AN EXTERIOR SIGN.</p> <p>11. ALL FIRE ALARM DEVICES TO BE CAT. 30 KEYED.</p> <p>12. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING CONDUITS TO THE BUILDING FOR TELEPHONE FIBER OPTIC AND CABLE SERVICES, AS REQUIRED.</p> <p>13. ELECTRICAL CONTRACTOR IS TO PROVIDE FIXTURE SUBMITTALS AND CIRCULATED DRAWINGS, INCLUDING PANEL DIAGRAMS FOR APPROVAL PRIOR TO INSTALLATION.</p> <p>14. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL PRIMARY AND SECONDARY CONDUITS AND ALL SECONDARY WIRING AT TRANSFORMER LOCATION.</p> <p>16. MAXIMUM 8 DUPLEX OUTLETS PER 20 AMP. CIRCUIT. NO BACK TO BACK JUNCTION BOXES WILL BE ACCEPTED.</p> <p>17. SUPPLY POWER WIRING FOR MECHANICAL EQUIPMENT AS REQUIRED.</p> <p>18. ALL EXPOSED WIRING SYSTEMS TO BE RUN IN E.M.T. OR RIGID CONDUITS AND RUN TIGHT TO ROOF OR FLOOR DECK OR CONTINUOUSLY ALONG STRUCTURAL COMPONENTS.</p>		<table border="1"> <thead> <tr> <th>SYMBOL</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>⊕</td><td>DUPLEX RECEPTACLE (115V - 20 AMP)</td></tr> <tr><td>⊕<sub>D</sub></td><td>DUPLEX RECEPTACLE - DROP IN CONDUIT (115V - 20 AMP)</td></tr> <tr><td>⊕<sub>GFI</sub></td><td>DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPT (115V - 20 AMP)</td></tr> <tr><td>⊕<sub>WC</sub></td><td>DUPLEX RECEPTACLE DEDICATED FOR WATER COOLER CONNECTION (115V - 20 AMP)</td></tr> <tr><td>⊕<sub>WP</sub></td><td>DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPT IN RECESSED EXTERIOR WEATHERPROOF ENCLOSURE (115V - 20 AMP)</td></tr> <tr><td>⊕<sub>REF</sub></td><td>DUPLEX RECEPTACLE DEDICATED FOR REFRIGERATOR MOUNTED 42" A.F.F. 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