



- NOTES
1. ALL VAULT WORK AND/OR POWER OUTAGES SHALL BE COORDINATED WITH THE AIRPORT MANAGER.
  2. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 - NATIONAL ELECTRICAL CODE (NEC) MOST CURRENT ISSUE IN FORCE, THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID THE U.L. LISTING, ETL LISTING, (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE WILL NOT BE PERMITTED.
  3. ALL EQUIPMENT SHOWN NOT LABELED AS EXISTING IS NEW.
  4. CONTRACTOR SHALL CONFIRM POWER REQUIREMENTS WITH THE ACTUAL NAMEPLATE ON EACH CONSTANT CURRENT REGULATOR (OR OTHER RESPECTIVE EQUIPMENT) AND ADJUST CIRCUIT BREAKER, WIRE SIZES & CONDUIT SIZES TO CONFORM WITH NEC & MANUFACTURER'S RECOMMENDATIONS WHERE APPLICABLE. WIRE SIZES SHOWN ON THE PLANS ARE MINIMUM.
  5. HIGH VOLTAGE & LOW VOLTAGE CIRCUITS SHALL NOT BE INSTALLED IN THE SAME WIREWAY.
  6. BRANCH CIRCUIT TO NEW REGULATOR SHALL BE INSTALLED IN THE RESPECTIVE LOW VOLTAGE WIREWAY/DUCT, WITH GRSC AT TRANSITIONS AND UL LISTED LIQUID TIGHT FLEXIBLE METAL CONDUIT AT FINAL CONNECTIONS TO THE REGULATOR. CONDUITS SHALL BE SIZED IN ACCORDANCE WITH NEC.
  7. BOND NEW REGULATOR TO THE RESPECTIVE VAULT GROUND BUS WITH A DEDICATED #6 AWG BONDING JUMPER.
  8. LTFMC DENOTES LIQUID TIGHT FLEXIBLE METAL CONDUIT UL LISTED, SUNLIGHT RESISTANT, & SUITABLE FOR GROUNDING. LIQUID TIGHT FLEXIBLE METAL CONDUIT AND ASSOCIATED FITTINGS SHALL BE U.L. LISTED TO MEET THE REQUIREMENTS OF NEC 350.6. LIQUID TIGHT FLEXIBLE METAL CONDUIT THAT IS USED FOR FLEXIBILITY (INCLUDING CONNECTIONS TO CCR'S & TRANSFORMERS) SHALL REQUIRE AN EXTERNAL BONDING JUMPER OR INTERNAL EQUIPMENT GROUNDING CONDUCTOR PER NEC 350.60. EXTERNAL BONDING JUMPERS USED WITH CCR INSTALLATIONS SHALL BE #6 AWG COPPER (MINIMUM). DO NOT INSTALL LTFMC THAT IS NOT UL LISTED.
  9. VAULT WORK SHALL BE PAID FOR UNDER ITEM AR109200.

\*\*\*\*\*

|  |          |
|--|----------|
| BY   |          |
| REVISION   |          |
| DATE   |          |
| <b>METROPOLIS MUNICIPAL AIRPORT<br/>METROPOLIS, ILLINOIS</b>   |          |
| A.I.P. PROJ.: 3-17-0067-89<br>IL PROJ.: M30-3760   |          |
| Proj. No. 07A0128D_0800  | 01/23/08 |
| Filename E-602.DWG   | 01/23/08 |
| Scale NO. SCALE  | 03/21/08 |
| Date   |          |
| LAYOUT KNL   | 01/23/08 |
| DRAWN MV   | 01/23/08 |
| REVIEWED CAH   | 03/18/08 |
| <b>HANSON</b><br>Hanson Professional Services Inc.<br>1626 South State Street<br>Springfield, IL 62766<br>Offices Nationwide |          |
| <b>PROPOSED PARTIAL<br/>PARALLEL TAXIWAY<br/>NEW ELECTRICAL<br/>ONE LINE DIAGRAM<br/>FOR VAULT</b>                           |          |
| <b>20</b><br>20 of sheets  |          |

VAULT ELECTRICAL ONE-LINE DIAGRAM WITH NEW TAXIWAY CCR