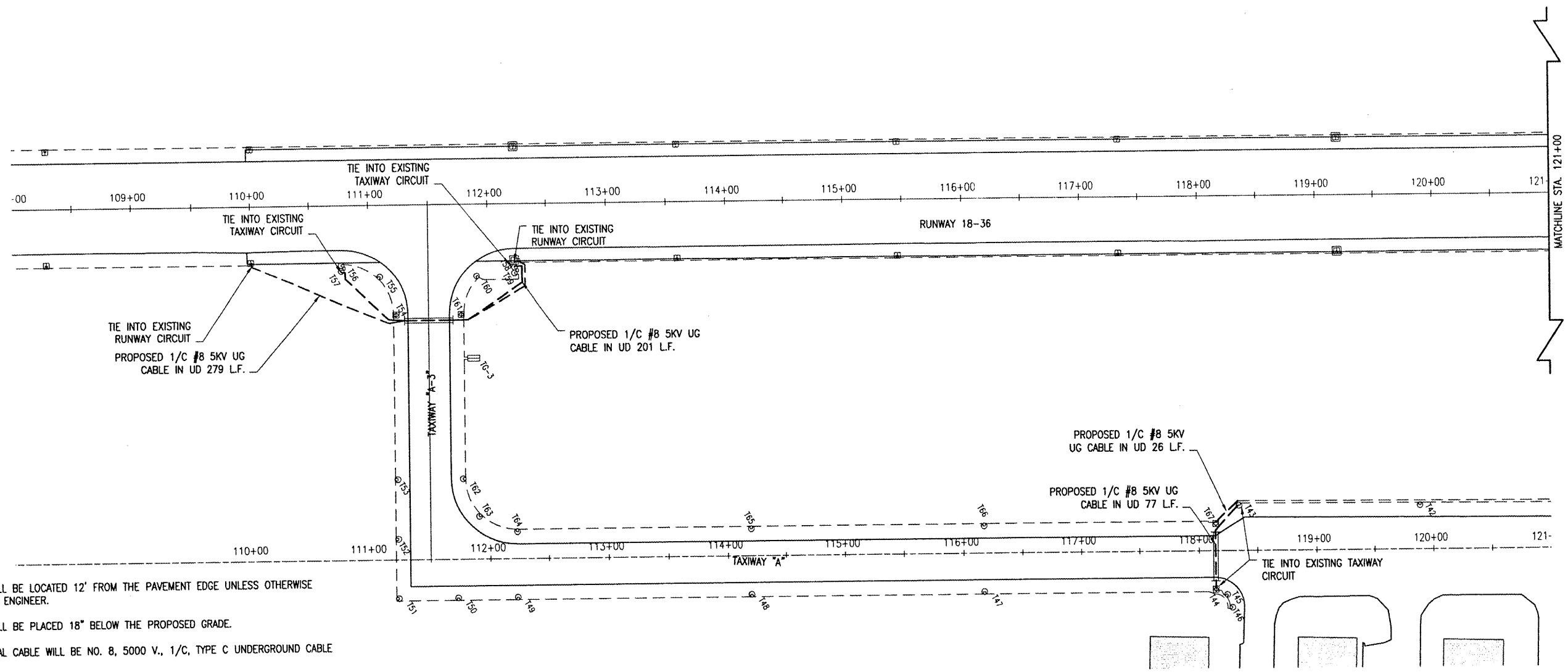


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**ELECTRICAL NOTES**

**CABLES:**  
 ALL PROPOSED CABLE WILL BE LOCATED 12' FROM THE PAVEMENT EDGE UNLESS OTHERWISE STATED BY THE RESIDENT ENGINEER.

ALL PROPOSED CABLE WILL BE PLACED 18" BELOW THE PROPOSED GRADE.

THE PROPOSED ELECTRICAL CABLE WILL BE NO. 8, 5000 V., 1/C, TYPE C UNDERGROUND CABLE IN UNIT DUCT.

IN AREAS WHERE THERE IS A CONGESTION OF CABLES OR WHERE THE PROPOSED CABLE CROSSES AN EXISTING CABLE, THE PROPOSED CABLE WILL BE HAND DUG INTO PLACE. AT ALL OTHER LOCATIONS, THE PROPOSED CABLE IN UNIT DUCT MAY BE EITHER TRENCHED OR PLOWED INTO PLACE. THE TRENCHING AND/OR PLOWING WILL BE CONSIDERED INCIDENTAL TO THE PROPOSED CABLE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL CABLE SHOWN BY A (-----) DASHED LINE ARE EXISTING CIRCUITS THAT ARE NOT PART OF THIS CONTRACT. THE LOCATION OF THESE CABLES ARE APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND IDENTIFY THESE EXISTING CIRCUITS PRIOR TO THE INSTALLATION OF THE PROPOSED CABLE. ANY DAMAGE TO THE EXISTING CIRCUITS SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE RESIDENT ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**LIGHTS:**  
 ALL PROPOSED TAXIWAY LIGHTS WILL BE PLACED 10' FROM THE PAVEMENT EDGE UNLESS SHOWN OTHERWISE.

ALL PROPOSED TAXIWAY LIGHTS WILL BE CONSTRUCTED AT THE LOCATION SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE DETAILS SHOWN ON SHEET 25 AND THE SPECIFICATIONS.

ALL PROPOSED TAXIWAY LIGHTS WILL USE 360° BLUE LENSES.

**DUCT:**  
 ALL PROPOSED 2-WAY CONCRETE DUCTS WILL BE CONSTRUCTED AT THE LOCATIONS SHOWN ON SHEET NO. 17 AND IN ACCORDANCE WITH THE DETAIL ON SHEET NO. 17 AND THE SPECIFICATIONS.

THE TOP OF THE PROPOSED 2-WAY DUCTS WILL BE LOCATED 22" BELOW THE FINISHED PAVEMENT GRADE.

DURING CONSTRUCTION, THE EXISTING RUNWAY AND TAXIWAY LIGHTING CIRCUITS MAY BE INOPERABLE DURING THE DAY. HOWEVER, THE CIRCUIT WILL BE FUNCTIONING AT THE END OF THE CONSTRUCTION DAY. THE CONTRACTOR WILL DO WHATEVER IS NECESSARY TO HAVE THE CIRCUITS ACTIVE AT THE END OF THE CONSTRUCTION DAY. THE WORK WILL BE CONSIDERED AS PART OF THE LIGHTING INSTALLATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**LIGHT TAGS**

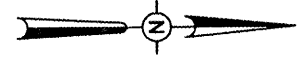
ALL PROPOSED AND EXISTING TAXIWAY LIGHTS AND GUIDANCE SIGNS WILL HAVE NEW TAGS PLACED ON THEM. THE TAG NUMBER WILL BE AS SHOWN ON THIS SHEET AND SHEET 17.

THE TAGS BEING PLACED ON THE EXISTING LIGHTS AND SIGNS WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

- LEGEND**
- EXISTING IMPROVEMENTS
  - EXISTING BUILDINGS
  - EXISTING TAXIWAY/RUNWAY CIRCUIT TO BECOME PROPOSED TAXIWAY CIRCUIT
  - EXISTING ELECTRICAL DUCT
  - EXISTING BASE MOUNTED RUNWAY LIGHT
  - EXISTING STAKE MOUNTED RUNWAY LIGHT
  - EXISTING BASE MOUNTED TAXIWAY LIGHT
  - EXISTING STAKE MOUNTED TAXIWAY LIGHT
  - EXISTING TAXI GUIDANCE SIGN
  - PROPOSED 1/C #8 5KV UG CABLE IN UN FOR RUNWAY CIRCUIT
  - PROPOSED 1/C #8 5KV UG CABLE IN UD FOR TAXIWAY CIRCUIT



0' 25' 50' 100'  
 HALF SIZE SCALE: 1" = 100'  
 FULL SIZE SCALE: 1" = 50'

| DATE | REVISION | BY |
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**METROPOLIS MUNICIPAL AIRPORT  
 METROPOLIS, ILLINOIS**

IL PROJ.: M30-3760 A.I.P. PROJ.: 3-17-0067-89

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|-------------------------------|----------|----------|
| HEL Project No. 07A01280_0800 | DATE     | 03/04/08 |
| Filename: R-142ELE.DWG        | MDR      | 03/04/08 |
| Scale: 1"=50'                 | MDR      | 03/04/08 |
| Date: 03/04/08                | CAH      | 03/18/08 |
| LAYOUT                        | REVIEWED |          |
| DRAWN                         |          |          |



**PROPOSED PARTIAL  
 PARALLEL TAXIWAY**

PROPOSED  
 ELECTRICAL PLAN  
 STA. 108+00 TO STA. 121+00

APR 23, 2008 7:32 AM HACL000382  
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