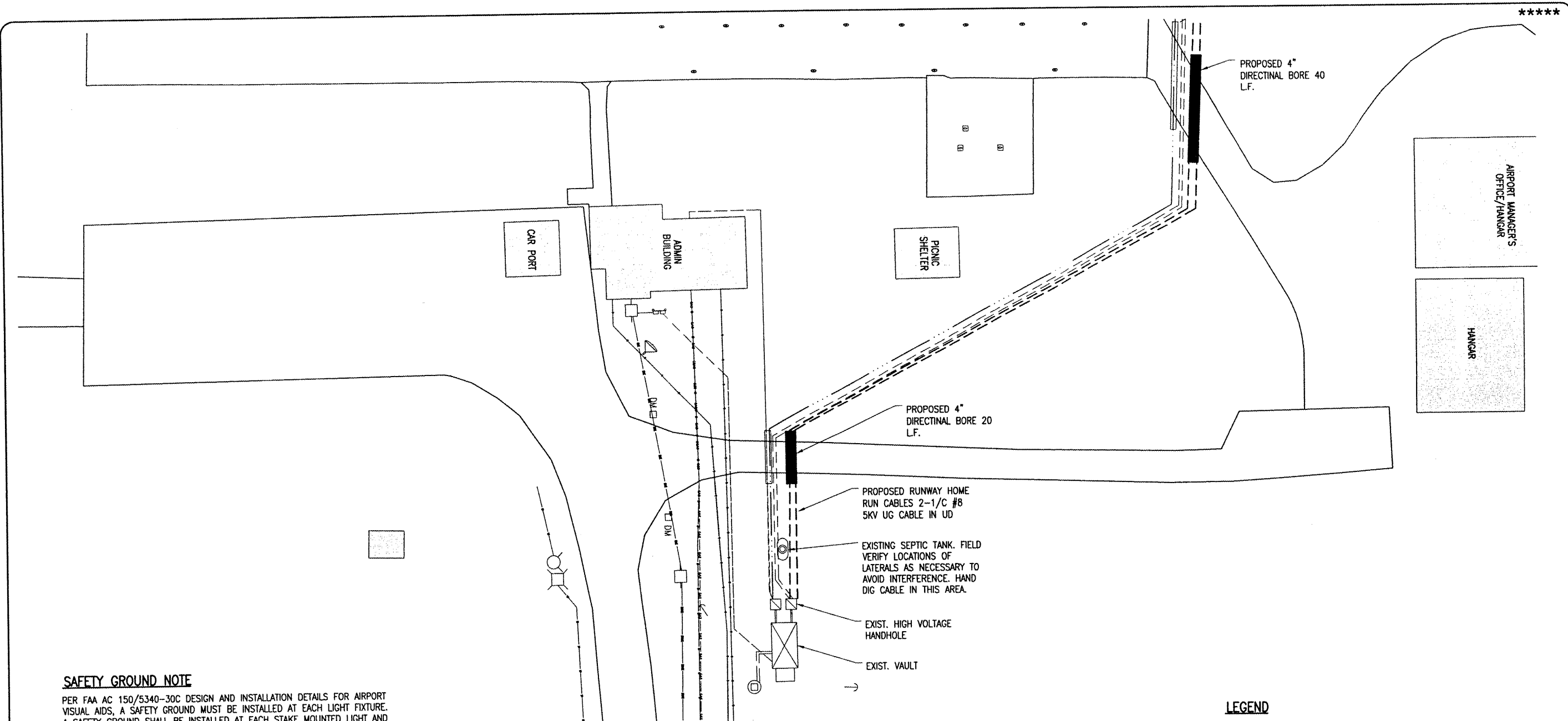


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SAFETY GROUND NOTE

PER FAA AC 150/5340-30C DESIGN AND INSTALLATION DETAILS FOR AIRPORT VISUAL AIDS, A SAFETY GROUND MUST BE INSTALLED AT EACH LIGHT FIXTURE. A SAFETY GROUND SHALL BE INSTALLED AT EACH STAKE MOUNTED LIGHT AND EACH TRANSFORMER BASE/LIGHT CAN ASSOCIATED WITH RUNWAY LIGHTS, TAXIWAY LIGHTS, AND LIGHTED TAXI GUIDANCE SIGNS. THE SAFETY GROUND SHALL BE A #6 AWG BARE COPPER CONDUCTOR CONNECTED TO THE GROUND LUG ON THE RESPECTIVE L-867 TRANSFORMER BASE/LIGHT CAN OR MOUNTING STAKE AND A 5/8-INCH DIAMETER BY 8-FOOT LONG (MINIMUM) UL LISTED COPPER CLAD GROUND ROD. SEE ELECTRICAL DETAIL SHEETS FOR ADDITIONAL INFORMATION ON THIS EQUIPMENT.

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.

PROPOSED TAXIWAY GUIDANCE SIGN NOTES

THE PROPOSED TAXI GUIDANCE SIGNS WILL CONFORM TO ADVISORY CIRCULAR 150/5345-44F. THE SIGNS WILL BE SIZE 1, 18-IN. SIGN FACE WITH A 12-IN. LEGEND; STYLE 2, POWERED FROM A 4.8 TO 6.6 AMP SERIES LIGHTING CIRCUIT; CLASS 2, FOR OPERATION DOWN TO -55°C; MEDIUM INTENSITY, BASE MOUNTED, DOUBLE SIDED, AS SPECIFIED ON THE PLANS.

THE SIGNS SHALL READ AS DESCRIBED ON THE CONSTRUCTION PLANS. THE PROPOSED TAXI GUIDANCE SIGNS WILL BE TYPE L-858-Y DIRECTION SIGN (BLACK LEGEND ON YELLOW BACKGROUND); TYPE L-858-R MANDATORY SIGN (WHITE LEGEND ON RED BACKGROUND); TYPE L-858-L LOCATION SIGN (YELLOW LEGEND AND BORDER ON BLACK BACKGROUND).

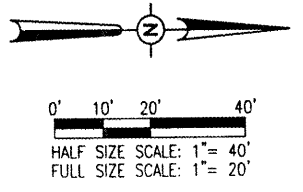
THE PROPOSED TAXI GUIDANCE SIGNS WILL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THESE CONSTRUCTION PLANS. THE TAXI GUIDANCE SIGNS WILL BE LOCATED WITH THE NEAR FACE OF THE SIGN SET 20 FEET FROM THE EDGE OF THE EXISTING PAVEMENT.

THE PROPOSED TAXI GUIDANCE SIGNS WILL ALL BE LUMACURVE SIGNS. LUMACURVE IS A BRAND OF STANDARD SIGNS, INC. INFORMATION CONCERNING LUMACURVE SIGNS CAN BE OBTAINED BY CALLING CINDY KUNTZ AT 216-341-5611 EXTENSION 207.

THE PROPOSED TAXI GUIDANCE SIGNS WILL BE PAID FOR BY THE MAXIMUM NUMBER OF CHARACTERS REPRESENTED ON ONE SIGN FACE.

ALL SIGNS WILL READ AS DETAILED ON SHEET 17.

- LEGEND**
- EXISTING IMPROVEMENTS
 - EXISTING BUILDINGS
 - EXISTING TAXIWAY/RUNWAY CIRCUIT TO BECOME PROPOSED RUNWAY CIRCUIT
 - EXISTING 4/C #6 XLP USE 600V UG CABLE IN UD (WIND CONE CIRCUIT)
 - EXISTING ELECTRICAL CABLES
 - EXISTING TELEPHONE CABLE
 - EXISTING GAS LINE
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING 4" DIRECTIONAL BORE
 - PROPOSED TAXIWAY HOME RUN 1/C #8 5KV UG CABLE IN UD
 - PROPOSED 4" DIRECTIONAL BORE



DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

IL PROJ.: M30-3760 A.I.P. PROJ.: 3-17-0067-B9

IEL Project No.: 07A01280_0800 Filename: R-142ELE.DWG Scale: 1" = 20' Date: 03/03/08	LAYOUT: MDR 03/03/08 DRAWN: MDR 03/03/08 REVIEWED: CAH 03/18/08
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HANSON
 Professional Services Inc.
 1525 South Sixth Street
 Springfield, IL 62766
 Offices Nationwide

**PROPOSED PARTIAL
 PARALLEL TAXIWAY**

PROPOSED
 ELECTRICAL PLAN
 HOMERUNS

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